

Available from

NRC/GPO Sales Program

Superintendent of Documents
Government Printing Office
Washington, D. C. 20402

A year's subscription consists of 12 issues for
this publication.

Single copies of this publication
are available from National Technical
Information Service, Springfield, VA 22161

Microfiche of single copies are
available from NRC/GPO Sales Program
Washington, D. C. 20555

Title List of Documents Made Publicly Available

November 1-30, 1984

Division of Technical Information and Document Control
Office of Administration
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



CONTENTS

| | |
|------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Preface | v |
| Arrangement of Items by Docket Number | ix |
| Alphabetic Arrangement of Docket Items by Facility Name | xv |
| Docketed Items | 1 |
| Low Level Radwaste Disposal Sites — Docket 27..... | 1 |
| Domestic Licensing of Source Material — Docket 40 | 1 |
| Domestic Licensing of Production and Utilization Facilities — Docket 50 | 7 |
| Domestic Licensing of Special Nuclear Material — Docket 70 | 335 |
| Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions — Docket 71 | 340 |
| Licensing of Independent Spent Fuel Storage — Docket 72 | 350 |
| Nondocketed Items | 351 |
| 10 CFR — Commission Meeting Records | 351 |
| ACRS — Advisory Committee on Reactor Safeguards | 352 |
| COMMISSION — NRC Commissioners | 352 |
| CONTRACT — NRC Contracts and Modifications | 353 |
| FOIA — Freedom of Information Act Requests and Releases | 357 |
| GEN TECH IS — Generic Technical Issues | 368 |
| I&E — Inspection and Enforcement | 370 |
| MISC — Public Document Room Miscellaneous | 372 |
| NUREG — NUREG Reports and Related Correspondence | 373 |
| ORG — Correspondence with Other Organizations | 386 |
| PR — Proposed Rule..... | 387 |
| PRM — Petition for Rulemaking | 390 |
| PROJ — Projects - Predocket Licensing | 390 |
| PT21 — Noncompliance Reports and Related Correspondence | 390 |
| QA999 — Quality Assurance Inspections | 392 |
| REGGD — Regulatory Guides | 394 |
| RES — Research and Technical Assistance Reports | 395 |
| REVIEW GROUP — NRC Research Review Groups | 395 |
| SECY — Position Papers Before the Commission | 396 |
| STATE PROG — State Programs | 396 |
| TOPREP — Vendor Reports and Related Correspondence | 397 |
| WASTE MGT — Nuclear Waste Management | 402 |
| WASTE RES — Waste Management Research Reports | 426 |
| XPORTLIC — Export and Import Licenses | 451 |
| Personal Author Index | 455 |
| Corporate Source Index | 485 |
| Report Number Index | 515 |
| Cross Reference of Enclosures to Principal Documents | 517 |
| Appendix A — Definitions of Docket 50 Categories..... | A-1 |
| Appendix B — Definitions of Nondocketed Categories..... | B-1 |

PREFACE

The *Title List of Documents Made Publicly Available* is a monthly publication. It contains descriptions of the information received and generated by the U.S. Nuclear Regulatory Commission (NRC). This information includes (1) docketed material associated with civilian nuclear power plants and other uses of radioactive materials and (2) nondocketed material received and generated by NRC pertinent to its role as a regulatory agency. As used here, *docketed* does not refer to Court dockets; it refers to the system by which NRC maintains its regulatory records. This series of documents is indexed by a Personal Author Index, a Corporate Source Index, and a Report Number Index.

The docketed information contained in the *Title List* includes the information formerly issued through the Department of Energy publication *Power Reactor Docket Information*, last published in January 1979. Microfiche of the docketed information listed in the *Title List* is available for sale on a subscription basis from the National Technical Information Service (NTIS). See NOTES at the end of the Preface for the complete NTIS address.

We encourage your comments, criticisms, and suggestions. In particular, if there are title descriptions that are not meaningful, please let us know so that we can correct the data base. In so far as possible, we would like this document to be a valuable part of your reference material.

DOCKETED ITEMS

The listings within Docket 50 are divided into the categories used for filing and searching in the NRC Public Document Room. Those categories are:

- A. Application/construction stage documents and correspondence
- B. Utility Preliminary Safety Analysis Report (PSAR), amendments
- C. Utility Environmental Report (ER), amendments and correspondence
- D. NRC Draft and Final Environmental (Impact) Statements (DES and FES), and correspondence
- E. NRC Safety Evaluation Report (SER), supplements and correspondence
- F. Security, medical, emergency and fire-protection plans
- G. Adjudicatory correspondence
- H. General correspondence
- I. Financial information
- J. Insurance and indemnity information
- K. Utility Final Safety Analysis Report (FSAR) and amendments
- L. Limited work authorization and related correspondence
- M. Antitrust correspondence
- N. Antitrust hearing transcripts
- O. Advisory Committee on Reactor Safeguards (ACRS) reports and correspondence
- P. Operating license stage documents and correspondence
- Q. Inspection reports, IE Bulletins and correspondence
- R. Periodic operating reports and related correspondence
- S. Reportable occurrences. LERs and related correspondence
- T. Hearing transcripts on non-antitrust matters
- U. Congressional/executive correspondence
- V. Licensing operators and related correspondence

- W. Decommissioning stage documents and correspondence
- X. Onsite low-level wastes storage

Appendix A sets forth those categories and describes the materials available in each. Omission of a category in the listing for a docket indicates that no documents in that category were filed in the time period of the report.

The principal elements of the entries in the list are:

- ① P. Operating license stage documents & correspondence
- ② 8203090028 ③ Responds to 820201 ltr requesting documents re environ qualification of electrical equipment. All nonproprietary repts will be provided to Franklin Research Ctr by 820408. Proprietary repts will be provided to NRC by 820510.
- ④ MILLS, L.M. ⑤ Tennessee Valley Authority. ⑥ 82/03/04. ⑦ VASSALLO, D.B. Operating Reactors Branch 2. ⑧ 1p. 1216:254. 24XFiche: 50-259, 82/03/04, 8203090028.
- ⑨ ⑩ ⑪ ⑫

1. NRC/PDR Document category (see Appendix A).
2. NRC Accession Number (year, month, day, and sequence number of item).
3. Description of information contained in the document.
4. Personal author(s). An asterisk in this position indicates that there is no personal author.
5. Corporate, agency or nonindividual source.
6. Date of document described.
7. Recipient of document and NRC or corporate affiliation.
8. Pages in this document.
9. The NRC 48X microfiche designation for this document. This five-digit portion of this entry is the number of the microfiche copy of this document that is available to NRC staff who have access to 48X microfiche files.
10. This three-digit portion of this entry is the number of the frame on which this document starts.
11. The 24X Fiche designation consists of the docket number followed by the date of the document and the accession number for the document. This designation provides the information needed by subscribers to the National Technical Information Service docket microfiche to locate the document fiche.
12. If this space is blank, the document is available to the public only in the NRC Public Document Room, 1717 H St., N.W., Washington, D.C. 20555. If this space is filled, it gives other sources for copies of the document. The entry may be "Available at NRC" for sale; "Available at NTIS"; or "Available at GPO."

The Docketed Items list is arranged sequentially by Docket Number, category, and then by date of principal items. Entries indented and preceded by a dash are items that were submitted as enclosures to principal items. In general, indented items are not in accession number sequence. If the docketed document has a contract (FIN) number or a formal report number, it will appear in the last line of the item following entry 5.

NONDOCKETED ITEMS

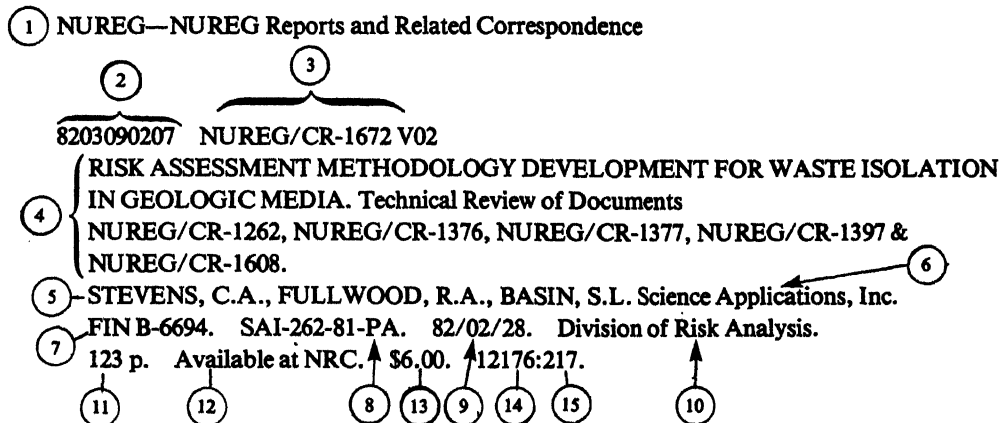
The nondocketed items are divided into the categories used for filing and searching in the NRC Public Document Room. These categories and their symbols are:

10CFR — Commission Meeting Records
 ACRS — Advisory Committee on Reactor Safeguards
 COMMISSION — NRC Commissioners
 CONTRACT — NRC Contracts and Modifications
 DISCLOSURE — Financial Disclosure Information
 FOIA — Freedom of Information Act Requests and Releases
 GEN TECH IS — Generic Technical Issues

I&E — Inspection and Enforcement
 MISC — Public Document Room Miscellaneous
 NUREG — NUREG Reports and Related Correspondence
 ORG — Correspondence with Other Organizations
 PR — Proposed Rule
 PRM — Petition for Rulemaking
 PROJ — Projects—Predocket Licensing
 PT21 — Noncompliance Reports and Related Correspondence
 QA999 — Quality Assurance Inspections
 REGGD — Regulatory Guides
 RES — Research and Technical Assistance Reports
 REVIEW GRP — NRC Research Review Groups
 RM — Rulemakings
 SECY — Position Papers Before the Commission
 STATE PROG — State Programs
 TOPREP — Vendor Reports and Related Correspondence
 WASH — Regulatory Publications—Pre-NUREG Series
 WASTE MGT — Nuclear Waste Management
 WASTE RES — Waste Management Research Reports
 XPORTLIC — Export and Import Licenses

Appendix B sets forth these categories and describes the material available in each. Omission of a category in the listing for a docket indicates that no documents in that category were filed in the time period of the report.

The principal elements of the nondocketed items are:



1. Nondocketed category
2. NRC Accession Number (year, month, day, and sequence number of item)
3. NRC Report Number
4. Title and description of information contained in the document
5. Personal author(s). An asterisk in this position indicates that there is no personal author.
6. Corporate, agency or other nonindividual source.
7. Contract or financial (FIN) number (if any). If the document has a secondary report number, it will appear following this entry.
8. Secondary report number assigned by originator.
9. Date of document described.
10. NRC organizational recipient.
11. Pages in document.
12. All NUREG-series documents are available for purchase at NRC. Information on ordering documents is given below. All NUREG-series documents are also available at NTIS. Information on ordering from NTIS is also given below.
13. Price for which NRC sells the document.

14. The NRC 48X microfiche designation for this document. This five-digit portion of this entry is the number of the microfiche copy of this document that is available to NRC staff who have access to 48X microfiche files.
15. This three-digit portion of this entry is the number of the frame on which this document starts.

The Nondocketed Items list is arranged sequentially by Accession Number within category. Indented items preceded by a dash are enclosures to unindented items.

NOTES:

1. The address for NRC is:

Director
Division of Technical Information and Document Control
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

To place orders, send check or money order, payable to the Superintendent of Documents. GPO Deposit Account holders may charge their orders by calling (301) 492-9530.

2. The address for NTIS is:

National Technical Information Service
Springfield, Virginia 22161

To place orders for or to obtain price information about NRC publications at NTIS, either write to NTIS or call the Sales Desk at (703) 557-4650. Specify the NRC report number and title when you place your order. Publications can be charged to American Express credit cards; supply the chargecard number when placing your order.

3. The address for the PDR is:

1717 H Street, N.W.
Washington, D.C. 20555

To place orders, either write to the NRC PDR or call (202) 634-3274. When ordering documents listed in this publication, please identify the Document Accession Number for each citation.

Paper copy and microfiche of the documents listed in this title list may be purchased. Reproduction charges for duplication are as follows: (1) paper to paper is \$0.05 per page except for oversized documents and engineering drawings, which vary from \$0.50 to \$1.00 per square foot; (2) microform to paper is \$0.05 a page for pages on microfiche and is \$0.20 a square foot for a full-size print or \$0.25 for a reduced-size print (18" x 24") of a drawing on an aperture card; and (3) microform to microform is \$0.10 per microfiche and \$0.20 per aperture card. Orders completed for mailing or for a special delivery service will have an additional fee for the actual mailing, shipping, or delivery service rate. Unless a user requests special packing materials, there is no additional charge by the contractor for handling and wrapping materials.

Please acknowledge a willingness to assume charges for all orders but do not send payments. Orders will be processed and mailed with a bill from Literature Research Company. An account may be established with the Literature Research Company by calling (703)-941-8018.

ARRANGEMENT OF ITEMS BY DOCKET NUMBER

| Docket | Name | Page | Docket | Name | Page |
|----------------------------------------------------------|--------------------------------------------------------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|------|
| Low Level Radwaste Disposal Sites — Docket 27 | | | | | |
| 27-048 | Richland, WA, U.S. Ecology, Inc. | 1 | 40-8724 | Chemetron Corp., Chicago, IL. | 6 |
| Domestic Licensing of Source Material — Docket 40 | | | | | |
| 40-0299 | Union Carbide Corp., Grand Junction, CO | 1 | 40-8728 | Teton Exploration Drilling Co., Inc., Casper, WY | 6 |
| 40-0672 | Nuclear Metals, Inc., Concord, MA | 1 | 40-8745 | Ogle Petroleum, Inc., Casper, WY | 6 |
| 40-0791 | United Technologies Corp., East Hartford, CT | 1 | 40-8752 | Pinal Minerals & Mining, Ltd., Miami, AZ | 6 |
| 40-1162 | Western Nuclear, Inc., Jeffrey City, WY | 1 | 40-8768 | Kerr-McGee Nuclear Corp., Oklahoma City, OK | 7 |
| 40-1191 | Iowa State Univ., Ames, IA | 2 | 40-8781 | Teton Exploration Drilling Co., Inc., Casper, WY | 7 |
| 40-1341 | Tennessee Valley Authority, Chattanooga, TN | 2 | 40-8783 | Uranerz USA Inc., Casper, WY | 7 |
| 40-2061 | Kerr-McGee Chemical Corp., Oklahoma City, OK | 2 | 40-8786 | Uranium Resources, Inc., Richardson, TX | 7 |
| 40-2259 | Pathfinder Mines Corp., Riverton, WY | 3 | 40-8800 | McGean Disposal Dump, Newburgh Heights, OH | 7 |
| 40-3453 | Atlas Minerals, Inc., Denver, CO | 3 | 40-8801 | Radiation Management Corp., Northbrook, IL | 7 |
| 40-6622 | Pathfinder Mines Corp., Shirley Basin, WY | 3 | 40-8829 | Wyoming Fuel Co., Lakewood, CO | 7 |
| 40-6659 | Getty Oil Co.-Petrochemicals Co., Shirley Basin, WY | 3 | Domestic Licensing of Production and Utilization Facilities— Docket 50 | | |
| 40-7455 | Whittaker Metals, Los Angeles, CA | 4 | 50-3 | Indian Point Station, Unit 1 | 7 |
| 40-8027 | Kerr-McGee Nuclear Corp., Oklahoma City, OK | 4 | 50-5 | Pennsylvania State Univ. Research Reactor | 8 |
| 40-8084 | Rio Algom Corp., Moab, UT | 4 | 50-10 | Dresden Nuclear Power Station, Unit 1 | 8 |
| 40-8102 | Exxon Co., USA, Houston, TX | 4 | 50-13 | Babcock & Wilcox Co. Critical Facility | 9 |
| 40-8348 | Minerals Exploration Co., Los Angeles, CA | 4 | 50-20 | Massachusetts Institute of Technology Research Reactor | 9 |
| 40-8452 | Bear Creek Uranium Co., Casper, WY | 5 | 50-27 | Washington State Univ. Research Reactor | 9 |
| 40-8502 | Wyoming Mineral Corp., Lakewood, CO | 5 | 50-29 | Yankee-Rowe Nuclear Power Station | 10 |
| 40-8584 | Minerals Exploration Co., Los Angeles, CA | 5 | 50-30 | Plum Brook Research Reactor Facility | 11 |
| 40-8602 | Silver King Mines, Inc., Casper, WY | 5 | 50-32 | Aerojet General Nucleonics | 11 |
| 40-8663 | Nuclear Dynamics, Inc., Phoenix, AZ | 5 | 50-53 | Aerojet General Nucleonics | 11 |
| 40-8675 | Energy Fuels Nuclear, Inc., Denver, CO | 5 | 50-54 | Union Carbide Research Reactor | 11 |
| 40-8681 | Energy Fuels Nuclear, Inc., Denver, CO | 5 | 50-57 | State Univ. of New York Research Reactor | 11 |
| 40-8684 | Western Nuclear, Inc., Lakewood, CO | 6 | 50-62 | Univ. of Virginia Research Reactor | 11 |
| 40-8692 | Cotter Corp., Lakewood, CO | 6 | 50-70 | General Electric Test Reactor | 11 |
| 40-8698 | Plateau Resources, Ltd., Grand Junction, CO | 6 | | | |
| 40-8714 | Cleveland-Cliffs Iron Co., Cleveland, OH | 6 | | | |

| Docket | Name | Page | Docket | Name | Page |
|--------|-----------------------------------------------------|------|--------|--------------------------------------------|------|
| 50-73 | General Electric Nuclear Test Reactor | 12 | 50-219 | Oyster Creek Nuclear Power Plant | 24 |
| 50-77 | Catholic Univ. of America Research Reactor | 12 | 50-220 | Nine Mile Point Nuclear Station, Unit 1 | 26 |
| 50-87 | Westinghouse Critical Experiment | 12 | 50-223 | Univ. of Lowell Research Reactor | 28 |
| 50-88 | Aerojet General Nucleonics | 12 | 50-224 | Univ. of California Research Reactor | 28 |
| 50-89 | General Atomic Co. | 12 | 50-225 | RPI Critical Experiment | 28 |
| 50-97 | Cornell Univ. Zero Power Reactor | 13 | 50-228 | Aerotest Radiography & Research Reactor | 28 |
| 50-99 | Babcock & Wilcox Test Reactor | 13 | 50-237 | Dresden Nuclear Power Station, Unit 2 | 28 |
| 50-103 | Aerojet General Nucleonics | 13 | 50-243 | Oregon State Univ. Research Reactor | 30 |
| 50-112 | Univ. of Oklahoma Research Reactor | 13 | 50-244 | Robert Emmet Ginna Nuclear Plant, Unit 1 | 30 |
| 50-113 | Univ. of Arizona Research Reactor | 13 | 50-245 | Millstone Nuclear Power Station, Unit 1 | 32 |
| 50-123 | Univ. of Missouri Research Reactor | 13 | 50-246 | Advanced Critical Reactor Experiment | 33 |
| 50-124 | Virginia Polytechnic Institute Training Reactor | 13 | 50-247 | Indian Point Station, Unit 2 | 33 |
| 50-133 | Humboldt Bay Power Plant, Unit 3 | 13 | 50-249 | Dresden Nuclear Power Station, Unit 3 | 35 |
| 50-134 | Worcester Polytechnic Institute Research Reactor | 14 | 50-250 | Turkey Point Plant, Unit 3 | 37 |
| 50-139 | Univ. of Washington Research Reactor | 14 | 50-251 | Turkey Point Plant, Unit 4 | 39 |
| 50-142 | UCLA Training Reactor | 14 | 50-254 | Quad-Cities Station, Unit 1 | 41 |
| 50-150 | Ohio State Univ. Research Reactor | 15 | 50-255 | Palisades Nuclear Plant | 42 |
| 50-151 | Univ. of Illinois Research Reactor | 15 | 50-259 | Browns Ferry Nuclear Power Station, Unit 1 | 44 |
| 50-155 | Big Rock Point Nuclear Plant | 15 | 50-260 | Browns Ferry Nuclear Power Station, Unit 2 | 47 |
| 50-157 | Cornell Univ. Research Reactor | 17 | 50-261 | H. B. Robinson Plant, Unit 2 | 50 |
| 50-160 | Georgia Institute of Technology Research Reactor | 17 | 50-262 | Brigham Young Univ. Research Reactor | 52 |
| 50-163 | GA Technologies | 17 | 50-263 | Monticello Nuclear Generating Plant | 52 |
| 50-166 | Univ. of Maryland Research Reactor | 17 | 50-265 | Quad-Cities Station, Unit 2 | 54 |
| 50-170 | National Naval Medical Center | 17 | 50-266 | Point Beach Nuclear Plant, Unit 1 | 56 |
| 50-171 | Peach Bottom Atomic Power Station, Unit 1 | 18 | 50-267 | Fort St. Vrain Nuclear Generating Station | 59 |
| 50-184 | National Bureau of Standards Reactor | 18 | 50-269 | Oconee Nuclear Station, Unit 1 | 62 |
| | Mock-Up | 18 | 50-270 | Oconee Nuclear Station, Unit 2 | 64 |
| | Reactor | 18 | 50-271 | Vermont Yankee Nuclear Power Station | 65 |
| | Reactor | 18 | 50-272 | Salem Nuclear Generating Station, Unit 1 | 68 |
| | Reactor | 18 | 50-275 | Diablo Canyon Nuclear Power Plant, Unit 1 | 70 |
| | Reactor | 18 | 50-276 | Georgia Tech Research Reactor | 74 |
| | Plantations AEC | 18 | 50-277 | Peach Bottom Atomic Power Station, Unit 2 | 74 |
| | Reactor | 19 | 50-278 | Peach Bottom Atomic Power Station, Unit 3 | 76 |
| | Unit 1 | 19 | 50-280 | Surry Power Station, Unit 1 | 79 |
| | | 23 | 50-281 | Surry Power Station, Unit 2 | 81 |
| | | | 50-282 | Prairie Island Nuclear Station, Unit 1 | 83 |

| Docket | Name | Page | Docket | Name | Page |
|---------------|------------------------------------------------|-------------|---------------|--------------------------------------------|-------------|
| 50-285 | Fort Calhoun Station, Unit 1 | 84 | 50-334 | Beaver Valley Power Station, Unit 1 | 159 |
| 50-286 | Indian Point Station, Unit 3 | 86 | 50-335 | St. Lucie Plant, Unit 1 | 160 |
| 50-287 | Oconee Nuclear Station, Unit 3 | 88 | 50-336 | Millstone Nuclear Power Station, Unit 2 | 161 |
| 50-289 | Three Mile Island Nuclear Station, Unit 1 | 90 | 50-338 | North Anna Power Station, Unit 1 | 163 |
| 50-293 | Pilgrim Nuclear Power Station, Unit 1 | 100 | 50-339 | North Anna Power Station, Unit 2 | 165 |
| 50-295 | Zion Nuclear Power Station, Unit 1 | 103 | 50-341 | Enrico Fermi Atomic Power Plant, Unit 2 | 167 |
| 50-296 | Browns Ferry Nuclear Power Station, Unit 3 | 104 | 50-344 | Trojan Nuclear Plant | 169 |
| 50-297 | North Carolina State Univ. PULSTAR Reactor | 107 | 50-346 | Davis-Besse Nuclear Power Station, Unit 1 | 172 |
| | | | 50-348 | Joseph M. Farley Nuclear Plant, Unit 1 | 174 |
| 50-298 | Cooper Nuclear Station | 107 | 50-352 | Limerick Generating Station, Unit 1 | 176 |
| 50-301 | Point Beach Nuclear Plant, Unit 2 | 109 | 50-353 | Limerick Generating Station, Unit 2 | 186 |
| 50-302 | Crystal River Nuclear Plant, Unit 3 | 112 | 50-354 | Hope Creek Nuclear Station, Unit 1 | 194 |
| 50-304 | Zion Nuclear Power Station, Unit 2 | 113 | 50-355 | Hope Creek Nuclear Station, Unit 2 | 196 |
| 50-305 | Kewaunee Nuclear Power Plant | 114 | 50-356 | Univ. of Illinois Research Reactor | 196 |
| 50-306 | Prairie Island Nuclear Station, Unit 2 | 115 | 50-358 | William H. Zimmer Nuclear Station, Unit 1 | 196 |
| 50-309 | Maine Yankee Atomic Power Plant | 116 | 50-359 | William H. Zimmer Nuclear Station, Unit 2 | 197 |
| 50-311 | Salem Nuclear Generating Station, Unit 2 | 118 | 50-361 | San Onofre Nuclear Station, Unit 2 | 197 |
| 50-312 | Rancho Seco Nuclear Generating Station | 120 | 50-362 | San Onofre Nuclear Station, Unit 3 | 199 |
| 50-313 | Arkansas Nuclear One, Unit 1 | 123 | 50-364 | Joseph M. Farley Nuclear Plant, Unit 2 | 202 |
| 50-315 | Donald C. Cook Nuclear Power Plant, Unit 1 | 125 | 50-366 | Edwin I. Hatch Nuclear Plant, Unit 2 | 204 |
| 50-316 | Donald C. Cook Nuclear Power Plant, Unit 2 | 127 | 50-368 | Arkansas Nuclear One, Unit 2 | 206 |
| 50-317 | Calvert Cliffs Nuclear Power Plant, Unit 1 | 129 | 50-369 | William B. McGuire Nuclear Station, Unit 1 | 207 |
| 50-318 | Calvert Cliffs Nuclear Power Plant, Unit 2 | 130 | 50-370 | William B. McGuire Nuclear Station, Unit 2 | 209 |
| 50-320 | Three Mile Island Nuclear Station, Unit 2 | 132 | 50-373 | LaSalle County Station, Unit 1 | 211 |
| 50-321 | Edwin I. Hatch Nuclear Plant, Unit 1 | 135 | 50-374 | LaSalle County Station, Unit 2 | 212 |
| 50-322 | Shoreham Nuclear Power Station | 138 | 50-382 | Waterford Generating Station, Unit 3 | 214 |
| 50-323 | Diablo Canyon Nuclear Power Plant, Unit 2 | 143 | 50-387 | Susquehanna Steam Electric Station, Unit 1 | 218 |
| 50-324 | Brunswick Steam Electric Plant, Unit 2 | 146 | 50-388 | Susquehanna Steam Electric Station, Unit 2 | 221 |
| 50-325 | Brunswick Steam Electric Plant, Unit 1 | 147 | 50-389 | St. Lucie Plant, Unit 2 | 223 |
| 50-326 | Univ. of California at Irvine Research Reactor | 149 | 50-390 | Watts Bar Nuclear Plant, Unit 1 | 225 |
| 50-327 | Sequoyah Nuclear Plant, Unit 1 | 149 | 50-391 | Watts Bar Nuclear Plant, Unit 2 | 228 |
| 50-328 | Sequoyah Nuclear Plant, Unit 2 | 151 | 50-395 | Virgil C. Summer Nuclear Station, Unit 1 | 230 |
| 50-329 | Midland Plant, Unit 1 | 153 | 50-397 | WPPSS Nuclear Project, Unit 2 | 232 |
| 50-330 | Midland Plant, Unit 2 | 154 | 50-400 | Shearon Harris Nuclear Power Plant, Unit 1 | 234 |
| 50-331 | Duane Arnold Energy Center | 155 | 50-401 | Shearon Harris Nuclear Power Plant, Unit 2 | 238 |
| 50-333 | James A. Fitzpatrick Nuclear Power Plant | 157 | 50-406 | Tuskegee Institute Research Reactor | 239 |

| Docket | Name | Page | Docket | Name | Page |
|------------|-----------------------------------------|------|-------------------------------------------------------------------|--------------------------------------------------|------|
| 50-409 | La Crosse Boiling Water Reactor | 239 | STN-50-499 | South Texas Project, Unit 2 | 319 |
| 50-410 | Nine Mile Point Nuclear Station, Unit 2 | 240 | STN-50-508 | WPPSS Nuclear Project, Unit 3 | 320 |
| 50-412 | Beaver Valley Power Station, Unit 2 | 243 | STN-50-509 | WPPSS Nuclear Project, Unit 5 | 321 |
| 50-413 | Catawba Nuclear Station, Unit 1 | 245 | 50-513 | WPPSS Nuclear Project, Unit 4 | 321 |
| 50-414 | Catawba Nuclear Station, Unit 2 | 248 | STN-50-518 | Hartsville Nuclear Plant, Unit 1 | 321 |
| 50-416 | Grand Gulf Nuclear Station, Unit 1 | 250 | STN-50-519 | Hartsville Nuclear Plant, Unit 2 | 321 |
| 50-417 | Grand Gulf Nuclear Station, Unit 2 | 253 | 50-522 | Skagit Nuclear Power Project, Unit 1 | 321 |
| 50-423 | Millstone Nuclear Power Station, Unit 3 | 255 | 50-523 | Skagit Nuclear Power Project, Unit 2 | 321 |
| 50-424 | Vogtle Electric Generating Plant | 257 | STN-50-528 | Palo Verde Nuclear Station, Unit 1 | 322 |
| 50-425 | Vogtle Electric Generating Plant | 260 | STN-50-529 | Palo Verde Nuclear Station, Unit 2 | 327 |
| STN-50-437 | Floating Nuclear Plant | 262 | STN-50-530 | Palo Verde Nuclear Station, Unit 3 | 330 |
| 50-438 | Bellefonte Nuclear Plant, Unit 1 | 262 | 50-537 | Clinch River Breeder Reactor | 334 |
| 50-439 | Bellefonte Nuclear Plant, Unit 2 | 264 | STN-50-546 | Marble Hill Nuclear Station, Unit 1 | 334 |
| 50-440 | Perry Nuclear Power Plant, Unit 1 | 266 | STN-50-547 | Marble Hill Nuclear Station, Unit 2 | 334 |
| 50-441 | Perry Nuclear Power Plant, Unit 2 | 269 | STN-50-566 | Yellow Creek Nuclear Plant, Unit 1 | 335 |
| 50-443 | Seabrook Nuclear Station, Unit 1 | 272 | STN-50-567 | Yellow Creek Nuclear Plant, Unit 2 | 335 |
| 50-444 | Seabrook Nuclear Station, Unit 2 | 273 | 50-601 | RESAR SP/90 | 335 |
| 50-445 | Comanche Peak Steam Electric Station, | 274 | Domestic Licensing of Special Nuclear Material — Docket 70 | | |
| 50-446 | Comanche Peak Steam Electric Station, | 285 | 70-0008 | Battelle Memorial Institute, Columbus, OH | 335 |
| STN-50-447 | GESSAR-238 | 294 | 70-0027 | Babcock & Wilcox Co., Lynchburg, VA | 335 |
| STN-50-454 | Byron Station, Unit 1 | 294 | 70-0036 | Combustion Engineering, Inc., Windsor, CT | 335 |
| STN-50-455 | Byron Station, Unit 2 | 298 | 70-0084 | Iowa State Univ., Ames, IA | 335 |
| STN-50-456 | Braidwood Station, Unit 1 | 300 | 70-0113 | Pennsylvania State Univ., University Park, PA | 335 |
| STN-50-457 | Braidwood Station, Unit 2 | 302 | 70-0135 | Babcock & Wilcox Co., Apollo, PA | 335 |
| 50-458 | River Bend Station, Unit 1 | 304 | 70-0143 | Nuclear Fuel Services, Inc., Erwin, TN | 336 |
| 50-459 | River Bend Station, Unit 2 | 308 | 70-0364 | Babcock & Wilcox Co., Apollo, PA | 336 |
| 50-460 | WPPSS Nuclear Project, Unit 1 | 308 | 70-0371 | UNC Naval Products, Inc., Uncasville, CT | 336 |
| 50-461 | Clinton Power Station, Unit 1 | 309 | 70-0398 | Commerce, Dept. of, Washington, DC | 337 |
| STN-50-470 | CESSAR System 80 | 312 | 70-0687 | Union Carbide Corp., Tuxedo, NY | 337 |
| 50-471 | Pilgrim Nuclear Power Station, Unit 2 | 312 | 70-0734 | GA Technologies, Inc., San Diego, CA | 337 |
| STN-50-482 | Wolf Creek Generating Station | 312 | 70-0754 | General Electric Co., Pleasanton, CA | 337 |
| STN-50-483 | Callaway Plant, Unit 1 | 315 | 70-0801 | Ohio State Univ., Columbus, OH | 337 |
| 50-496 | Montague Nuclear Power Station, Unit 1 | 317 | 70-0820 | United Nuclear Corp., Wood River Junction, RI | 337 |
| 50-497 | Montague Nuclear Power Station, Unit 2 | 317 | 70-0824 | Babcock & Wilcox Co., Lynchburg, VA | 337 |
| STN-50-498 | South Texas Project, Unit 1 | 317 | | | |

| Docket | Name | Page | Docket | Name | Page |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------|---------|------------------------------------------------|------|
| 70-0870 | Applied Health Physics, Inc., Bethel Park, PA | 338 | 71-0052 | Navy, Dept. of | 340 |
| 70-0920 | Rensselaer Polytechnic Institute, Troy, NY | 338 | 71-0053 | Boeing Services International, Inc. | 341 |
| 70-1100 | Combustion Engineering, Inc., Windsor, CT | 338 | 71-0058 | Navy, Dept. of | 341 |
| 70-1113 | General Electric Co., Wilmington, NC | 338 | 71-0059 | General Electric Co. | 341 |
| 70-1151 | Westinghouse Electric Corp., Pittsburgh, PA | 338 | 71-0064 | GEO Construction Testing | 341 |
| 70-1201 | Babcock & Wilcox Co., Lynchburg, VA | 338 | 71-0076 | Babcock & Wilcox Co. | 341 |
| 70-1257 | Exxon Nuclear Co., Inc., Richland, WA | 338 | 71-0077 | Midstate Testing Laboratory | 341 |
| 70-1308 | General Electric Co., San Jose, CA | 339 | 71-0085 | Navy, Dept. of | 341 |
| 70-1621 | Duquesne Light Co., Pittsburgh, PA | 339 | 71-0086 | Alpha-Omega Services, Inc. | 341 |
| 70-1703 | Eastman Kodak Co., Rochester, NY | 339 | 71-0089 | Navy, Dept. of | 341 |
| 70-1738 | Pacific Gas & Electric Co., San Francisco, CA | 339 | 71-0092 | Eastman Kodak Co. | 341 |
| 70-1739 | Tri-State Motor Transit Co., Joplin, MO | 339 | 71-0120 | Daniel International Corp. | 341 |
| 70-1941 | Passaic General Hospital, Passaic, NJ | 339 | 71-0125 | Testco, Inc. | 341 |
| 70-2375 | Pacific Gas & Electric Co., San Francisco, CA | 339 | 71-0127 | National Annealing Box Co. | 341 |
| 70-2815 | New Britain General Hospital, New Britain, CT | 339 | 71-0130 | Chicago Bridge & Iron Co. | 342 |
| 70-2949 | Arizona Public Service Co., Phoenix, AZ | 339 | 71-0131 | Welding Institute of Alaska | 342 |
| 70-2955 | Edlow International Co., Washington, DC | 339 | 71-0132 | Advanced Radiation Service, Inc. | 342 |
| 70-2973 | Commonwealth Edison Co., Chicago, IL | 339 | 71-0137 | Metals Testing Co., Inc. | 342 |
| 70-2988 | Philadelphia Electric Co., Philadelphia, PA | 339 | 71-0140 | Walworth Co. | 342 |
| 70-2998 | Gulf States Utilities Co., Beaumont, TX | 340 | 71-0145 | Thayer Inspection Service, Inc. | 342 |
| 70-3005 | Ohio State Univ., Columbus, OH | 340 | 71-0146 | Globe X-Ray Services, Inc. | 342 |
| 70-3008 | Duquesne Light Co., Pittsburgh, PA | 340 | 71-0154 | General Dynamics Corp. | 342 |
| Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions — Docket 71 | | | 71-0156 | Industrial Fabricating Co. | 342 |
| 71-0006 | United Nuclear Corp. | 340 | 71-0157 | Froehling & Robertson, Inc. | 342 |
| 71-0007 | American Ship Building Co. | 340 | 71-0161 | Curtiss-Wright Corp. | 342 |
| 71-0010 | GAMMA Industries | 340 | 71-0168 | Quality Assurance Laboratories, Inc. | 342 |
| 71-0013 | Navy, Dept. of | 340 | 71-0178 | Gulf & Western Energy Products Group | 342 |
| 71-0023 | Tennessee Gas Pipeline | 340 | 71-0183 | Gamma Sonics Examination Laboratories, Inc. | 342 |
| 71-0028 | Borg-Warner Corp. | 340 | 71-0186 | High Steel Structures, Inc. | 343 |
| 71-0044 | United Airlines, Inc. | 340 | 71-0205 | Quality Testing, Inc. | 343 |
| 71-0047 | Capitol International Airways, Inc. | 340 | 71-0211 | Boston Edison Co. | 343 |
| 71-0051 | Harrison Steel Castings Co. | 340 | 71-0213 | Intermountain Testing Co. | 343 |
| | | | 71-0218 | Cumberland Bridge Co. | 343 |
| | | | 71-0224 | Guyon Power & Process Piping | 343 |
| | | | 71-0226 | New York, State Univ. of | 343 |

| Docket | Name | Page | Docket | Name | Page |
|---------|-----------------------------------------|------|---------|----------------------------------------------------|------|
| 71-0228 | Capital X-Ray Service | 343 | | | |
| 71-0232 | Lakehead Testing Laboratory, Inc. | 343 | 71-4986 | Model: RA-2, RA-3, RA-J General Electric Co. | 346 |
| 71-0236 | American Airlines, Inc. | 343 | 71-5026 | Model: CNS 14-190, Chem-Nuclear Systems, Inc. | 346 |
| 71-0242 | Law Engineering Testing Co. | 343 | 71-5149 | Model: 814A, Babcock & Wilcox Co. | 346 |
| 71-0243 | Transeastern Inspection, Inc. | 343 | 71-5341 | Model: NFP-55, Babcock & Wilcox Co. | 346 |
| 71-0245 | Navy, Dept. of | 343 | 71-5563 | Model: 660C & 660B, Babcock & Wilcox Co. | 346 |
| 71-0246 | Inspection Services Corp. | 343 | 71-5797 | Model: Inner & Outer HFIR UN, Energy, Dept. of | 346 |
| 71-0247 | IRT Corp. | 343 | 71-5805 | Model: CNS 3-55, Chem-Nuclear Systems, Inc. | 346 |
| 71-0261 | Navy, Dept. of | 344 | 71-5814 | Model: NRBK-41, -42 & -43, Energy, Dept. of | 346 |
| 71-0262 | Wisconsin Industrial Testing, Inc. | 344 | 71-5874 | Model: WAPD-40, Energy, Dept. of | 346 |
| 71-0268 | Navy, Dept. of | 344 | 71-5875 | Model: WAPD-39 & NRBK-44, Energy, Dept. of | 346 |
| 71-0269 | Lehigh Testing Laboratories, Inc. | 344 | 71-5910 | Model: NNFD-SA-2, Babcock & Wilcox Co. | 346 |
| 71-0281 | Delta Airlines, Inc. | 344 | 71-5939 | Model: GE-1500, General Electric Co. | 346 |
| 71-0286 | BPB Instruments, Inc. | 344 | 71-5942 | Model: GE-700, General Electric Co. | 347 |
| 71-0292 | Industrial Gamma Inspection | 344 | 71-5957 | Model: BMI-1, Battelle Columbus Laboratory | 347 |
| 71-0298 | Steel Tank Construction Co. | 344 | 71-5971 | Model: GE-200, General Electric Co. | 347 |
| 71-0301 | CTL Engineering, Inc. | 344 | 71-6144 | Model: B-2, U.S. Ecology, Inc. | 347 |
| 71-0304 | Teledyne Brown Engineering Co. | 344 | 71-6172 | Model: 961A, Babcock & Wilcox Co. | 347 |
| 71-0305 | American X-Ray & Inspection, Inc. | 344 | 71-6244 | Model: 6244, Chem-Nuclear Systems, Inc. | 347 |
| 71-0306 | Snyder Drilling & Well Servicing | 344 | 71-6275 | Model: LL-28-4, Chem-Nuclear Systems, Inc. | 347 |
| 71-0307 | Texas Pipe Bending Co. of Puerto Rico | 344 | 71-6291 | Model: 400, Biotronik Sales, Inc. | 347 |
| 71-0316 | Mason & Hanger-Silas Mason Co., Inc. | 344 | 71-6294 | Model: UNC-2901, Combustion Engineering, Inc. | 347 |
| 71-0317 | Hudson Products Corp. | 344 | 71-6346 | Model: FSV-1, GA Technologies, Inc. | 347 |
| 71-0319 | General Testing & Inspection Co. | 345 | 71-6357 | Model: NNFD-10, Babcock & Wilcox Co. | 347 |
| 71-0321 | EXAM Co. | 345 | 71-6375 | Model: CNS 4-45, Chem-Nuclear Systems, Inc. | 347 |
| 71-0322 | Babcock & Wilcox Co. | 345 | 71-6574 | Model: HN-200, Hittman Nuclear & Development Corp. | 348 |
| 71-0330 | Allied Inspection Services, Inc. | 345 | 71-6601 | Model: CNS 8-120, Chem-Nuclear Systems, Inc. | 348 |
| 71-0332 | Florida Power Corp. | 345 | 71-6771 | Model: SN-1, Metropolitan Edison Co. | 348 |
| 71-0334 | Metropolitan Edison Co. | 345 | | | |
| 71-0339 | Wisconsin Centrifugal, Inc. | 345 | | | |
| 71-0345 | Carolina Power & Light Co. | 345 | | | |
| 71-0351 | Teledyne Ohiocast | 345 | | | |
| 71-0510 | Gesellschaft Fuer Nuklear Service, mbH- | 345 | | | |
| 71-0522 | California, Univ. of, Los Angeles, CA | 345 | | | |
| 71-4949 | Model: UNC-1484, United Nuclear Corp. | 345 | | | |

| Docket | Name | Page | Docket | Name | Page |
|---------------|-----------------------------------------------------------------------------|-------------|----------------------------------------------------------------|-------------------------------------------------------------|-------------|
| 71-9001 | Model: IF-300, General Electric Co. | 348 | 71-9105 | Model: Rad-Waste CR. I, Chem-Nuclear Systems, Inc. | 349 |
| 71-9006 | Model: 500-SU, Automation Industries, Inc. | 348 | 71-9108 | Model: CNS 6-75, Chem-Nuclear Systems, Inc. | 349 |
| 71-9015 | Model: TN-8, -8L, Virginia Electric & Power Co. | 348 | 71-9111 | Model: CNS 6-80-2 & CNS 6-80-2A, Chem-Nuclear Systems, Inc. | 349 |
| 71-9016 | Model: TN-9, Commonwealth Edison Co. | 348 | 71-9128 | Model: C-8, Gamma Industries | 349 |
| 71-9027 | Model: 741 & 741E, Technical Operations, Inc. | 348 | 71-9137 | Model: 820, Technical Operations, Inc. | 349 |
| 71-9028 | Model: 684 & 684E, Technical Operations, Inc. | 348 | 71-9151 | Model: HN-100 Series 3, Hittman Nuclear Development Corp. | 349 |
| 71-9032 | Model: 650, Technical Operations, Inc. | 348 | 71-9168 | Model: CNS 8-120B, Chem-Nuclear Systems, Inc. | 350 |
| 71-9035 | Model: 680 & 680E Technical Operations, Inc. | 348 | 71-9176 | Model: NUPAC 14/210L & 14/210H, Nuclear Packaging, Inc. | 350 |
| 71-9071 | Model: AP-101, ANEFCO, Inc. | 348 | 71-9183 | Model: NAC-1, Nuclear Assurance Corp. | 350 |
| 71-9073 | Model: OH-142, Series & NUS 10-135, Nuclear Packaging, Inc. | 348 | 71-9186 | Model: S-6213, Energy, Dept. of | 350 |
| 71-9079 | Model: HN-100, Series 2 & 2A, Hittman Nuclear & Development Corp. | 349 | 71-9192 | Model: AP-300, ANEFCO, Inc. | 350 |
| 71-9080 | Model: HN-600, NUPAC 7-100 & CNS 7-100, Hittman Nuclear & Development Corp. | 349 | 71-9193 | Model: NES-5, Nuclear Energy Services, Inc. | 350 |
| 71-9081 | Model: CNS 1-13C, Chem-Nuclear Systems, Inc. | 349 | 71-9853 | Model: ORNL, BNL & NBS UNIR. CONT., Energy, Dept. of | 350 |
| 71-9086 | Model: HN-100, Series 1, Hittman Nuclear & Development Corp. | 349 | 71-9860 | Model: DT-14A, Energy, Dept. of | 350 |
| 71-9089 | Model: HN-100S, Hittman Nuclear & Development Corp. | 349 | 71-9932 | Model: UC-609, Energy, Dept. of | 350 |
| 71-9094 | Model: CNS 14-195-H, Chem-Nuclear Systems, Inc. | 349 | Licensing of Independent Spent Fuel Storage — Docket 72 | | |
| 71-9096 | Model: CNS 21-300, Chem-Nuclear Systems, Inc. | 349 | 72-0001 | Morris Operations, General Electric Co. | 350 |
| | | | 72-0002 | Virginia Electric & Power Co. | 350 |

ALPHABETIC ARRANGEMENT OF DOCKET ITEMS BY FACILITY NAME

| Name | Docket | Page | Name | Docket | Page |
|----------------------------------------------------------|---------|------|------------------------------------------------------------------------------------|---------|------|
| Low Level Radwaste Disposal Sites — Docket 27 | | | | | |
| Richland, WA, U.S. Ecology, Inc. | 27-048 | 1 | Rio Algom Corp., Moab, UT | 40-8084 | 4 |
| Domestic Licensing of Source Material — Docket 40 | | | | | |
| Atlas Minerals, Inc., Denver, CO | 40-3453 | 3 | Silver King Mines, Inc., Casper, WY | 40-8602 | 5 |
| Bear Creek Uranium Co., Casper, WY | 40-8452 | 5 | Tennessee Valley Authority, Chattanooga, TN | 40-1341 | 2 |
| Chemetron Corp., Chicago, IL | 40-8724 | 6 | Teton Exploration Drilling Co., Inc. Casper, WY | 40-8728 | 6 |
| Cleveland-Cliffs Iron Co., Cleveland, OH | 40-8714 | 6 | Teton Exploration Drilling Co., Inc. Casper, WY | 40-8781 | 7 |
| Cotter Corp., Lakewood, CO | 40-8692 | 6 | Union Carbide Corp., Grand Junction, CO | 40-0299 | 1 |
| Energy Fuels Nuclear, Inc., Denver, CO | 40-8675 | 5 | United Technologies Corp., East Hartford, CT | 40-0791 | 1 |
| Energy Fuels Nuclear, Inc., Denver, CO | 40-8681 | 5 | Uranerz USA, Inc., Casper, WY | 40-8783 | 7 |
| Exxon Co., USA, Houston, TX | 40-8102 | 4 | Uranium Resources, Inc., Richardson, TX | 40-8786 | 7 |
| Getty Oil Co.-Petrochemicals Co., Shirley Basin, WY | 40-6659 | 3 | Western Nuclear, Inc., Jeffrey City, WY | 40-1162 | 1 |
| Iowa State Univ., Ames, IA | 40-1191 | 2 | Western Nuclear, Inc., Lakewood, CO | 40-8684 | 6 |
| Kerr-McGee Chemical Corp., Oklahoma City, OK | 40-2061 | 2 | Whittaker Metals, Los Angeles, CA | 40-7455 | 4 |
| Kerr-McGee Nuclear Corp. Oklahoma City, OK | 40-8027 | 4 | Wyoming Fuel Co., Lakewood, CO | 40-8829 | 7 |
| Kerr-McGee Nuclear Corp., Oklahoma City, OK | 40-8768 | 7 | Wyoming Mineral Corp., Lakewood, CO | 40-8502 | 5 |
| McGean Disposal Dump, Newburgh Heights, OH | 40-8800 | 7 | Domestic Licensing of Production and Utilization Facilities — Docket 50 | | |
| Minerals Exploration Co., Los Angeles, CA | 40-8348 | 4 | Advanced Critical Reactor Experiment | 50-246 | 33 |
| Minerals Exploration Co., Los Angeles, CA | 40-8584 | 5 | Aerojet General Nucleonics | 50-32 | 11 |
| Nuclear Dynamics, Inc., Phoenix, AZ | 40-8663 | 5 | Aerojet General Nucleonics | 50-53 | 11 |
| Nuclear Metals, Inc., Concord, MA | 40-0672 | 1 | Aerojet General Nucleonics | 50-103 | 13 |
| Ogle Petroleum, Inc., Casper, WY | 40-8745 | 6 | Aerojet General Nucleonics | 50-88 | 12 |
| Pathfinder Mines Corp., Riverton, WY | 40-2259 | 3 | Aerotest Radiography & Research Reactor | 50-228 | 28 |
| Pathfinder Mines Corp., Shirley Basin, WY | 40-6622 | 3 | Arkansas Nuclear One, Unit 1 | 50-313 | 123 |
| Pinal Minerals & Mining, Ltd., Miami, AZ | 40-8752 | 6 | Arkansas Nuclear One, Unit 2 | 50-368 | 206 |
| Plateau Resources, Ltd., Grand Junction, CO | 40-8698 | 6 | Babcock & Wilcox Co. Critical Facility | 50-13 | 9 |
| Radiation Management Corp., Northbrook, IL | 40-8801 | 7 | Babcock & Wilcox Test Reactor | 50-99 | 13 |
| | | | Beaver Valley Power Station, Unit 1 | 50-334 | 159 |
| | | | Beaver Valley Power Station, Unit 2 | 50-412 | 243 |
| | | | Bellefonte Nuclear Plant, Unit 1 | 50-438 | 262 |

| Name | Docket | Page | Name | Docket | Page |
|--------------------------------------------|------------|------|--------------------------------------------------|------------|------|
| Bellefonte Nuclear Plant, Unit 2 | 50-439 | 264 | Duane Arnold Energy Center | 50-331 | 155 |
| Big Rock Point Nuclear Plant | 50-155 | 15 | Edwin I. Hatch Nuclear Plant, Unit 1 | 50-321 | 135 |
| Braidwood Station, Unit 1 | STN-50-456 | 300 | Edwin I. Hatch Nuclear Plant, Unit 2 | 50-366 | 204 |
| Braidwood Station, Unit 2 | STN-50-457 | 302 | Enrico Fermi Atomic Power Plant, Unit 2 | 50-341 | 167 |
| Brigham Young Univ. Research Reactor | 50-262 | 52 | Floating Nuclear Plant | STN-50-437 | 262 |
| Browns Ferry Nuclear Power Station, Unit 1 | 50-259 | 44 | Fort Calhoun Station, Unit 1 | 50-285 | 84 |
| Browns Ferry Nuclear Power Station, Unit 2 | 50-260 | 47 | Fort St. Vrain Nuclear Generating Station | 50-267 | 59 |
| Browns Ferry Nuclear Power Station, Unit 3 | 50-296 | 104 | GA Technologies | 50-163 | 17 |
| Brunswick Steam Electric Plant, Unit 1 | 50-325 | 147 | General Atomic Co. | 50-89 | 12 |
| Brunswick Steam Electric Plant, Unit 2 | 50-324 | 146 | General Electric Nuclear Test Reactor | 50-73 | 12 |
| Byron Station, Unit 1 | STN-50-454 | 294 | General Electric Test Reactor | 50-70 | 11 |
| Byron Station, Unit 2 | STN-50-455 | 298 | Georgia Institute of Technology Research Reactor | 50-160 | 17 |
| Callaway Plant, Unit 1 | STN-50-483 | 315 | | | |
| Calvert Cliffs Nuclear Power Plant, Unit 1 | 50-317 | 129 | Georgia Tech Research Reactor | 50-276 | 74 |
| Calvert Cliffs Nuclear Power Plant, Unit 2 | 50-318 | 130 | GESSAR-238 | STN-50-447 | 294 |
| Catawba Nuclear Station, Unit 1 | 50-413 | 245 | Grand Gulf Nuclear Station, Unit 1 | 50-416 | 250 |
| Catawba Nuclear Station, Unit 2 | 50-414 | 248 | Grand Gulf Nuclear Station, Unit 2 | 50-417 | 253 |
| Catholic Univ. of America Research Reactor | 50-77 | 12 | H. B. Robinson Plant, Unit 2 | 50-261 | 50 |
| CESSAR System 80 | STN-50-470 | 312 | Haddam Neck Plant | 50-213 | 23 |
| Clinch River Breeder Reactor | 50-537 | 334 | Hartsville Nuclear Plant, Unit 1 | STN-50-518 | 321 |
| Clinton Power Station, Unit 1 | 50-461 | 309 | Hartsville Nuclear Plant, Unit 2 | STN-50-519 | 321 |
| Comanche Peak Steam Electric Station | 50-445 | 274 | Hope Creek Nuclear Station, Unit 1 | 50-354 | 194 |
| Comanche Peak Steam Electric Station | 50-446 | 285 | Hope Creek Nuclear Station, Unit 2 | 50-355 | 196 |
| Cooper Nuclear Station | 50-298 | 107 | Humboldt Bay Power Plant, Unit 3 | 50-133 | 13 |
| Cornell Univ. Research Reactor | 50-157 | 17 | Indian Point Station, Unit 1 | 50-3 | 7 |
| Cornell Univ. Zero Power Reactor | 50-97 | 13 | Indian Point Station, Unit 2 | 50-247 | 33 |
| Crystal River Nuclear Plant, Unit 3 | 50-302 | 112 | Indian Point Station, Unit 3 | 50-286 | 86 |
| Davis-Besse Nuclear Power Station, Unit 1 | 50-346 | 172 | James A. Fitzpatrick Nuclear Power Plant | 50-333 | 157 |
| Diablo Canyon Nuclear Power Plant, Unit 1 | 50-275 | 70 | Joseph M. Farley Nuclear Plant, Unit 1 | 50-348 | 174 |
| Diablo Canyon Nuclear Power Plant, Unit 2 | 50-323 | 143 | Joseph M. Farley Nuclear Plant, Unit 2 | 50-364 | 202 |
| Donald C. Cook Nuclear Power Plant, Unit 1 | 50-315 | 125 | Kewaunee Nuclear Power Plant | 50-305 | 114 |
| Donald C. Cook Nuclear Power Plant, Unit 2 | 50-316 | 127 | La Crosse Boiling Water Reactor | 50-409 | 239 |
| Dresden Nuclear Power Station, Unit 1 | 50-10 | 8 | LaSalle County Station, Unit 1 | 50-373 | 211 |
| Dresden Nuclear Power Station, Unit 2 | 50-237 | 28 | LaSalle County Station, Unit 2 | 50-374 | 212 |
| Dresden Nuclear Power Station, Unit 3 | 50-249 | 35 | Limerick Generating Station, Unit 1 | 50-352 | 176 |

| Name | Docket | Page | Name | Docket | Page |
|-----------------------------------------------------------|------------|------|--------------------------------------------|------------|------|
| Limerick Generating Station, Unit 2 | 50-353 | 186 | Pennsylvania State Univ. Research Reactor | 50-5 | 8 |
| Maine Yankee Atomic Power Plant | 50-309 | 116 | Perry Nuclear Power Plant, Unit 1 | 50-440 | 266 |
| Manhattan College Research Reactor | 50-199 | 19 | Perry Nuclear Power Plant, Unit 2 | 50-441 | 269 |
| Marble Hill Nuclear Station, Unit 1 | STN-50-546 | 334 | Pilgrim Nuclear Power Station, Unit 1 | 50-293 | 100 |
| Marble Hill Nuclear Station, Unit 2 | STN-50-547 | 334 | Pilgrim Nuclear Power Station, Unit 2 | 50-471 | 312 |
| Massachusetts Institute of Technology Research Reactor | 50-20 | 9 | Plum Brook Reactor—Mock-Up | 50-185 | 18 |
| Midland Plant, Unit 1 | 50-329 | 153 | Plum Brook Research Reactor Facility | 50-30 | 11 |
| Midland Plant, Unit 2 | 50-330 | 154 | Point Beach Nuclear Plant, Unit 1 | 50-266 | 56 |
| Millstone Nuclear Power Station, Unit 1 | 50-245 | 32 | Point Beach Nuclear Plant, Unit 2 | 50-301 | 109 |
| Millstone Nuclear Power Station, Unit 2 | 50-336 | 161 | Prairie Island Nuclear Station, Unit 1 | 50-282 | 83 |
| Millstone Nuclear Power Station, Unit 3 | 50-423 | 255 | Prairie Island Nuclear Station, Unit 2 | 50-306 | 115 |
| Montague Nuclear Power Station, Unit 1 | 50-496 | 317 | Quad-Cities Station, Unit 1 | 50-254 | 41 |
| Montague Nuclear Power Station, Unit 2 | 50-497 | 317 | Quad-Cities Station, Unit 2 | 50-265 | 54 |
| Monticello Nuclear Generating Plant | 50-263 | 52 | Rancho Seco Nuclear Generating Station | 50-312 | 120 |
| National Bureau of Standards Reactor | 50-184 | 18 | RESAR SP/90 | 50-601 | 335 |
| National Naval Medical Center | 50-170 | 17 | Rhode Island & Providence Plantations AEC | 50-193 | 18 |
| Nine Mile Point Nuclear Station, Unit 1 | 50-220 | 26 | River Bend Station, Unit 1 | 50-458 | 304 |
| Nine Mile Point Nuclear Station, Unit 2 | 50-410 | 240 | River Bend Station, Unit 2 | 50-459 | 308 |
| North Anna Power Station, Unit 1 | 50-338 | 163 | Robert Emmet Ginna Nuclear Plant, Unit 1 | 50-244 | 30 |
| North Anna Power Station, Unit 2 | 50-339 | 165 | RPI Critical Experiment | 50-225 | 28 |
| North Carolina State Univ. PULSTAR Reactor | 50-297 | 107 | Salem Nuclear Generating Station, Unit 1 | 50-272 | 68 |
| Oconee Nuclear Station, Unit 1 | 50-269 | 62 | Salem Nuclear Generating Station, Unit 2 | 50-311 | 118 |
| Oconee Nuclear Station, Unit 2 | 50-270 | 64 | San Onofre Nuclear Station, Unit 1 | 50-206 | 19 |
| Oconee Nuclear Station, Unit 3 | 50-287 | 88 | San Onofre Nuclear Station, Unit 2 | 50-361 | 197 |
| Ohio State Univ. Research Reactor | 50-150 | 15 | San Onofre Nuclear Station, Unit 3 | 50-362 | 199 |
| Oregon State Univ. Research Reactor | 50-243 | 30 | Seabrook Nuclear Station, Unit 1 | 50-443 | 272 |
| Oyster Creek Nuclear Power Plant | 50-219 | 24 | Seabrook Nuclear Station, Unit 2 | 50-444 | 273 |
| Palisades Nuclear Plant | 50-255 | 42 | Sequoyah Nuclear Plant, Unit 1 | 50-327 | 149 |
| Palo Verde Nuclear Station, Unit 1 | STN-50-528 | 322 | Sequoyah Nuclear Plant, Unit 2 | 50-328 | 151 |
| Palo Verde Nuclear Station, Unit 2 | STN-50-529 | 327 | Shearon Harris Nuclear Power Plant, Unit 1 | 50-400 | 234 |
| Palo Verde Nuclear Station, Unit 3 | STN-50-530 | 330 | Shearon Harris Nuclear Power Plant, Unit 2 | 50-401 | 238 |
| Peach Bottom Atomic Power Station, Unit 1 | 50-171 | 18 | Shoreham Nuclear Power Station | 50-322 | 138 |
| Peach Bottom Atomic Power Station, Unit 2 | 50-277 | 74 | Skagit Nuclear Power Project, Unit 1 | 50-522 | 321 |
| Peach Bottom Atomic Power Station, Unit 3 | 50-278 | 76 | Skagit Nuclear Power Project, Unit 2 | 50-523 | 321 |
| | | | South Texas Project, Unit 1 | STN-50-498 | 317 |

| Name | Docket | Page | Name | Docket | Page |
|----------------------------------------------------|------------|------|-------------------------------------------------------------------|------------|------|
| South Texas Project, Unit 2 | STN-50-499 | 319 | Washington State Univ. Research Reactor | 50-27 | 9 |
| Space Radiation Research Reactor | 50-187 | 18 | Waterford Generating Station, Unit 3 | 50-382 | 214 |
| St. Lucie Plant, Unit 1 | 50-335 | 160 | Watts Bar Nuclear Plant, Unit 1 | 50-390 | 225 |
| St. Lucie Plant, Unit 2 | 50-389 | 223 | Watts Bar Nuclear Plant, Unit 2 | 50-391 | 228 |
| State Univ. of New York Research Reactor | 50-57 | 11 | Westinghouse Critical Experiment | 50-87 | 12 |
| Surry Power Station, Unit 1 | 50-280 | 79 | William B. McGuire Nuclear Station, Unit 1 | 50-369 | 207 |
| Surry Power Station, Unit 2 | 50-281 | 81 | William B. McGuire Nuclear Station, Unit 2 | 50-370 | 209 |
| Susquehanna Steam Electric Station, Unit 1 | 50-387 | 218 | William H. Zimmer Nuclear Station, Unit 1 | 50-358 | 196 |
| Susquehanna Steam Electric Station, Unit 2 | 50-388 | 221 | William H. Zimmer Nuclear Station, Unit 2 | 50-359 | 197 |
| Three Mile Island Nuclear Station, Unit 1 | 50-289 | 90 | Wolf Creek Generating Station | STN-50-482 | 312 |
| Three Mile Island Nuclear Station, Unit 2 | 50-320 | 132 | Worcester Polytechnic Research Reactor | 50-134 | 14 |
| Trojan Nuclear Plant | 50-344 | 169 | WPPSS Nuclear Project, Unit 1 | 50-460 | 308 |
| Turkey Point Plant, Unit 3 | 50-250 | 37 | WPPSS Nuclear Project, Unit 2 | 50-397 | 232 |
| Turkey Point Plant, Unit 4 | 50-251 | 39 | WPPSS Nuclear Project, Unit 3 | STN-50-508 | 320 |
| Tuskegee Institute Research Reactor | 50-406 | 239 | WPPSS Nuclear Project, Unit 4 | 50-513 | 321 |
| UCLA Training Reactor | 50-142 | 14 | WPPSS Nuclear Project, Unit 5 | STN-50-509 | 321 |
| Union Carbide Research Reactor | 50-54 | 11 | Yankee-Rowe Nuclear Power Station | 50-29 | 10 |
| Univ. of Arizona Research Reactor | 50-113 | 13 | Yellow Creek Nuclear Plant, Unit 1 | STN-50-566 | 335 |
| Univ. of California at Irvine Research Reactor | 50-326 | 149 | Yellow Creek Nuclear Plant, Unit 2 | STN-50-567 | 335 |
| Univ. of California Research Reactor | 50-224 | 28 | Zion Nuclear Power Station, Unit 1 | 50-295 | 103 |
| Univ. of Illinois Research Reactor | 50-356 | 196 | Zion Nuclear Power Station, Unit 2 | 50-304 | 113 |
| Univ. of Illinois Research Reactor | 50-151 | 15 | Domestic Licensing of Special Nuclear Material — Docket 70 | | |
| Univ. of Lowell Research Reactor | 50-223 | 28 | Applied Health Physics, Inc., Bethel Park, PA | 70-0870 | 338 |
| Univ. of Maryland Research Reactor | 50-166 | 17 | Arizona Public Service Co., Phoenix, AZ | 70-2949 | 339 |
| Univ. of Missouri Research Reactor | 50-186 | 18 | Babcock & Wilcox Co., Apollo, PA | 70-0135 | 335 |
| Univ. of Missouri Research Reactor | 50-123 | 13 | Babcock & Wilcox Co., Apollo, PA | 70-0364 | 336 |
| Univ. of Oklahoma Research Reactor | 50-112 | 13 | Babcock & Wilcox Co., Lynchburg, VA | 70-0824 | 337 |
| Univ. of Texas Research Reactor | 50-192 | 18 | Babcock & Wilcox Co., Lynchburg, VA | 70-1201 | 338 |
| Univ. of Virginia Research Reactor | 50-62 | 11 | Babcock & Wilcox Co., Lynchburg, VA | 70-0027 | 335 |
| Univ. of Washington Research Reactor | 50-139 | 14 | Battelle Memorial Institute, Columbus, OH | 70-0008 | 335 |
| Vermont Yankee Nuclear Power Station | 50-271 | 65 | Combustion Engineering, Inc., Windsor, CT | 70-1100 | 338 |
| Virgil C. Summer Nuclear Station, Unit 1 | 50-395 | 230 | Combustion Engineering, Inc., Windsor, CT | 70-0036 | 335 |
| Virginia Polytechnic Institute Training Reactor | 50-124 | 13 | Commerce, Dept. of, Washington, DC | 70-0398 | 337 |
| Vogtle Electric Generating Plant | 50-424 | 257 | Commonwealth Edison Co., Chicago, IL | 70-2973 | 339 |
| Vogtle Electric Generating Plant | 50-425 | 260 | Duquesne Light Co., Pittsburgh, PA | 70-3008 | 340 |

| Name | Docket | Page | Name | Docket | Page |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------|------|------------------------------------------------|---------|------|
| Duquesne Light Co., Pittsburgh, PA | 70-1621 | 339 | Babcock & Wilcox Co. | 71-0076 | 341 |
| Eastman Kodak Co., Rochester, NY | 70-1703 | 339 | Babcock & Wilcox Co. | 71-0322 | 345 |
| Edlow International Co., Washington, DC | 70-2955 | 339 | Boeing Services International, Inc. | 71-0053 | 341 |
| Exxon Nuclear Co., Inc., Richland, WA | 70-1257 | 338 | Borg-Warner Corp. | 71-0028 | 340 |
| GA Technologies, Inc., San Diego, CA | 70-0734 | 337 | Boston Edison Co. | 71-0211 | 343 |
| General Electric Co., Pleasanton, CA | 70-0754 | 337 | BPB Instruments, Inc. | 71-0286 | 344 |
| General Electric Co., San Jose, CA | 70-1308 | 339 | California, Univ. of, Los Angeles, CA | 71-0522 | 345 |
| General Electric Co., Wilmington, NC | 70-1113 | 338 | Capital X-Ray Service | 71-0228 | 343 |
| Gulf States Utilities Co., Beaumont, TX | 70-2998 | 340 | Capitol International Airways, Inc. | 71-0047 | 340 |
| Iowa State Univ., Ames, IA | 70-0084 | 335 | Carolina Power & Light Co. | 71-0345 | 345 |
| New Britain General Hospital, New Britain, CT | 70-2815 | 339 | Chicago Bridge & Iron Co. | 71-0130 | 342 |
| Nuclear Fuel Services, Inc., Erwin, TN | 70-0143 | 336 | CTL Engineering, Inc. | 71-0301 | 344 |
| Ohio State Univ., Columbus, OH | 70-3005 | 340 | Cumberland Bridge Co. | 71-0218 | 343 |
| Ohio State Univ., Columbus, OH | 70-0801 | 337 | Curtiss-Wright Corp. | 71-0161 | 342 |
| Pacific Gas & Electric Co., San Francisco, CA | 70-1738 | 339 | Daniel International Corp. | 71-0120 | 341 |
| Pacific Gas & Electric Co., San Francisco, CA | 70-2375 | 339 | Delta Airlines, Inc. | 71-0281 | 344 |
| Passaic General Hospital, Passaic, NJ | 70-1941 | 339 | Eastman Kodak Co. | 71-0092 | 341 |
| Pennsylvania State Univ., University Park, PA | 70-0113 | 335 | Exam Co. | 71-0321 | 345 |
| Philadelphia Electric Co., Philadelphia, PA | 70-2988 | 339 | Florida Power Corp. | 71-0332 | 345 |
| Rensselaer Polytechnic Institute, Troy, NY | 70-0920 | 338 | Froehling & Robertson, Inc. | 71-0157 | 342 |
| Tri-State Motor Transit Co., Joplin, MO | 70-1739 | 339 | Gamma Industries | 71-0010 | 340 |
| UNC Naval Products, Inc., Uncasville, CT | 70-0371 | 336 | Gamma Sonics Examination Laboratories, Inc. | 71-0183 | 342 |
| Union Carbide Corp., Tuxedo, NY | 70-0687 | 337 | General Dynamics Corp. | 71-0154 | 342 |
| United Nuclear Corp., Wood River Junction, RI | 70-0820 | 337 | General Electric Co. | 71-0059 | 341 |
| Westinghouse Electric Corp., Pittsburgh, PA | 70-1151 | 338 | General Testing & Inspection Co. | 71-0319 | 345 |
| Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions — Docket 71 | | | GEO Construction Testing | 71-0064 | 341 |
| Advanced Radiation Service, Inc. | 71-0132 | 342 | Gesellschaft Fuer Nuklear Service, mbH | 71-0510 | 345 |
| Allied Inspection Services, Inc. | 71-0330 | 345 | Globe X-Ray Services, Inc. | 71-0146 | 342 |
| Alpha-Omega Services, Inc. | 71-0086 | 341 | Gulf & Western Energy Products Group | 71-0178 | 342 |
| American Airlines, Inc. | 71-0236 | 343 | Guyon Power & Process Piping | 71-0224 | 343 |
| American Ship Building Co. | 71-0007 | 340 | Harrison Steel Castings Co. | 71-0051 | 340 |
| American X-Ray & Inspection, Inc. | 71-0305 | 344 | High Steel Structures, Inc. | 71-0186 | 343 |
| | | | Hudson Products Corp. | 71-0317 | 344 |
| | | | Industrial Fabricating Co. | 71-0156 | 342 |
| | | | Industrial Gamma Inspection | 71-0292 | 344 |

| Name | Docket | Page | Name | Docket | Page |
|------------------------------------------------|---------|------|-----------------------------------------------------------------------------|---------|------|
| Inspection Services Corp. | 71-0246 | 343 | Model: CNS 4-45, Chem-Nuclear Systems, Inc. | 71-6375 | 347 |
| Intermountain Testing Co. | 71-0213 | 343 | Model: CNS 6-75, Chem-Nuclear Systems, Inc. | 71-9108 | 349 |
| IRT Corp. | 71-0247 | 343 | Model: CNS 6-80-2 & CNS 6-80-2A, Chem-Nuclear Systems Inc. | 71-9111 | 349 |
| Lakehead Testing Laboratory, Inc. | 71-0232 | 343 | Model: CNS 8-120, Chem-Nuclear Systems, Inc. | 71-6601 | 348 |
| Law Engineering Testing Co. | 71-0242 | 343 | Model: CNS 8-120B, Chem-Nuclear Systems, Inc. | 71-9168 | 350 |
| Lehigh Testing Laboratories, Inc. | 71-0269 | 344 | Model: DT-14A, Energy, Dept. of | 71-9860 | 350 |
| Mason & Hanger-Silas Mason Co., Inc. | 71-0316 | 344 | Model: FSV-1, GA Technologies, Inc. | 71-6346 | 347 |
| Metals Testing Co., Inc. | 71-0137 | 342 | Model: GE-1500, General Electric Co. | 71-5939 | 346 |
| Metropolitan Edison Co. | 71-0334 | 345 | Model: GE-200, General Electric Co. | 71-5971 | 347 |
| Midstate Testing Laboratory | 71-0077 | 341 | Model: GE-700, General Electric Co. | 71-5942 | 347 |
| Model: 400, Biotronik Sales, Inc. | 71-6291 | 347 | Model: HN-100, Series 3, Hittman Nuclear & Development Corp. | 71-9151 | 349 |
| Model: 500-SU, Automation Industries, Inc. | 71-9006 | 348 | Model: HN-100, Series 1, Hittman Nuclear & Development Corp. | 71-9086 | 349 |
| Model: 6244, Chem-Nuclear Systems, Inc. | 71-6244 | 347 | Model: HN-100, Series 2 & 2A, Hittman Nuclear & Development Corp. | 71-9079 | 349 |
| Model: 650, Technical Operations, Inc. | 71-9032 | 348 | Model: HN-100S, Hittman Nuclear & Development Corp. | 71-9089 | 349 |
| Model: 660C & 660B, Babcock & Wilcox Co. | 71-5563 | 346 | Model: HN-200, Hittman Nuclear & Development Corp. | 71-6574 | 348 |
| Model: 680 & 680E Technical Operations, Inc. | 71-9035 | 348 | Model: HN-600, NUPAC 7-100 & CNS 7-100, Hittman Nuclear & Development Corp. | 71-9080 | 349 |
| Model: 684 & 684E Technical Operations, Inc. | 71-9028 | 348 | Model: IF-300, General Electric Co. | 71-9001 | 348 |
| Model: 741 & 741E, Technical Operations, Inc. | 71-9027 | 348 | Model: Inner & Outer HFIR UN, Energy, Dept. of | 71-5797 | 346 |
| Model: 814A, Babcock & Wilcox Co. | 71-5149 | 346 | Model: LL-28-4, Chem-Nuclear Systems, Inc. | 71-6275 | 347 |
| Model: 820, Technical Operations, Inc. | 71-9137 | 349 | Model: NAC-1, Nuclear Assurance Corp. | 71-9183 | 350 |
| Model: 961A, Babcock & Wilcox Co. | 71-6172 | 347 | Model: NES-5, Nuclear Energy Services, Inc. | 71-9193 | 350 |
| Model: AP-101, ANEFCO, Inc. | 71-9071 | 348 | Model: NFP-55, Babcock & Wilcox Co. | 71-5341 | 346 |
| Model: AP-300, ANEFCO, Inc. | 71-9192 | 350 | Model: NNFD-10, Babcock & Wilcox Co. | 71-6357 | 347 |
| Model: B-2, U.S. Ecology, Inc. | 71-6144 | 347 | Model: NNFD-SA-2, Babcock & Wilcox Co. | 71-5910 | 346 |
| Model: BMI-1, Battelle Columbus Laboratory | 71-5957 | 347 | Model: NRBK-41, -42 & -43, Energy, Dept. of | 71-5814 | 346 |
| Model: C-8, Gamma Industries | 71-9128 | 349 | Model: NUPAC 14/210L & 14/210H, Nuclear Packaging, Inc. | 71-9176 | 350 |
| Model: CNS 1-13C Chem-Nuclear Systems, Inc. | 71-9081 | 349 | Model: OH-142 Series & NUS 10-135, Nuclear Packaging, Inc. | 71-9073 | 348 |
| Model: CNS 14-190, Chem-Nuclear Systems, Inc. | 71-5026 | 346 | | | |
| Model: CNS 14-195-H Chem-Nuclear Systems, Inc. | 71-9094 | 349 | | | |
| Model: CNS 21-300, Chem-Nuclear Systems, Inc. | 71-9096 | 349 | | | |
| Model: CNS 3-55, Chem-Nuclear Systems, Inc. | 71-5805 | 346 | | | |

| Name | Docket | Page | Name | Docket | Page |
|---------------------------------------------------------|---------|------|--------------------------------------------------------------------|---------|------|
| Model: ORNL, BNL & NBS UNIR. CONT., Energy, Dept. of | 71-9853 | 350 | Navy, Dept. of | 71-0261 | 344 |
| Model: RA-2, RA-3, RA-J, General Electric Co. | 71-4986 | 346 | New York, State Univ. of | 71-0226 | 343 |
| Model: Rad-Waste CR. I, Chem-Nuclear Systems, Inc. | 71-9105 | 349 | Quality Assurance Laboratories, Inc. | 71-0168 | 342 |
| Model: S-6213, Energy, Dept. of | 71-9186 | 350 | Quality Testing, Inc. | 71-0205 | 343 |
| Model: SN-1, Metropolitan Edison Co. | 71-6771 | 348 | Snyder Drilling & Well Servicing | 71-0306 | 344 |
| Model: TN-8, -8L, Virginia Electric & Power Co. | 71-9015 | 348 | Steel Tank Construction Co. | 71-0298 | 344 |
| Model: TN-9, Commonwealth Edison Co. | 71-9016 | 348 | Teledyne Brown Engineering Co. | 71-0304 | 344 |
| Model: UC-609, Energy, Dept. of | 71-9932 | 350 | Teledyne Ohiocast | 71-0351 | 345 |
| Model: UNC-1484, United Nuclear Corp. | 71-4949 | 345 | Tennessee Gas Pipeline | 71-0023 | 340 |
| Model: UNC-2901, Combustion Engineering, Inc. | 71-6294 | 347 | Testco, Inc. | 71-0125 | 341 |
| Model: WAPD-39 & NRBK-44, Energy, Dept. of | 71-5875 | 346 | Texas Pipe Bending Co. of Puerto Rico | 71-0307 | 344 |
| Model: WAPD-40, Energy, Dept. of | 71-5874 | 346 | Thayer Inspection Service, Inc. | 71-0145 | 342 |
| National Annealing Box Co. | 71-0127 | 341 | Transeastern Inspection, Inc. | 71-0243 | 343 |
| Navy, Dept. of | 71-0085 | 341 | United Airlines, Inc., | 71-0044 | 340 |
| Navy, Dept. of | 71-0058 | 341 | United Nuclear Corp. | 71-0006 | 340 |
| Navy, Dept. of | 71-0052 | 340 | Walworth Co. | 71-0140 | 342 |
| Navy, Dept. of | 71-0089 | 341 | Welding Institute of Alaska | 71-0131 | 342 |
| Navy, Dept. of | 71-0013 | 340 | Wisconsin Centrifugal, Inc. | 71-0339 | 345 |
| Navy, Dept. of | 71-0268 | 344 | Wisconsin Industrial Testing, Inc. | 71-0262 | 344 |
| Navy, Dept. of | 71-0245 | 343 | Licensing of Independent Spent Fuel Storage — Docket 72 | | |
| | | | Morris Operations, General Electric Co. | 72-0001 | 350 |
| | | | Virginia Electric & Power Co. | 72-0002 | 350 |

DOCKETED ITEMS

LOW LEVEL RADWASTE DISPOSAL SITES

DOCKET 27-048 RICHLAND, WA, U.S. ECOLOGY, INC.

- 8411090456 Forwards published article, "H-Value Study of Rigid Polyurethane Foam: SPI Research Project," per NRC request. Info requested by T Johnson will be forwarded when located by B&W
SAUER, R. E. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 84/10/09. SHAFFNER, J. Low Level Waste Licensing Branch. 9pp. 27422:330.
- 8411080568 Forwards "Compressive Strength Evaluation ASTM C39-81 & Biodegradation Testing ASTM G21-81 & ASTM G22-80." in response to 841011 questions.
CUNNINGHAM, G. E. General Electric Co. 84/10/11. JUNG, LING, T. Engineering Branch (Post 831001). 1p. 27407:082.
- 8411080577 "Compressive Strength Evaluation ASTM C39-81 & Biodegradation Testing ASTM G21-81 & ASTM G22-80."
ROGERS, A. M., DROZDOWSKI, D. United States Testing Co., Inc. 04705. 84/07/03. 6pp. 27407:083.
- 8411090023 Forwards monthly SNM receipt & burial rept for Sept 1984 & rept of isotopic activity per State of WA License WN-1019-2. W/o encls.
WRIGHT, S. V. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 84/10/16. BROWNING, B. Low Level Waste Licensing Branch. 1p. 27418:335.
- 8411090459 Forwards final survey results for B&W glove boxes. B&W attempting to locate original data.
SAUER, R. E. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 84/10/18. SHAFFNER, J. Low Level Waste Licensing Branch. 5pp. 27422:323.

DOMESTIC LICENSING OF SOURCE MATERIAL

DOCKET 40-0299 UNION CARBIDE CORP., GRAND JUNCTION, CO

- 8411190140 Forwards "10CFR40.65 Reporting Requirements for Umetco Minerals Corp. Gas Hills, WY Mill First Half 1984." No releases of liquid or solid effluents to unrestricted area during First Half 1984.
LYONS, P. J. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 84/08/30. PETTINGILL, H. Uranium Recovery Field Office. 2pp. 27584:021.
- 8411190143 "10CFR40.65 Reporting Requirements for Umetco Minerals Corp. Gas Hills, WY Mill First Half 1984." W/one oversize map. Aperture card available in PDR.
* UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 84/06/30. 230pp. 27584:023.
- 8411190257 Forwards "ALARA Rept for Umetco Minerals Corp. Gas Hills, WY First Half 1984." per 10CFR40.65 & License Condition 76.
LYONS, P. J. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 84/08/30. PETTINGILL, H. Uranium Recovery Field Office. 3pp. 27581:202.
- 8411190260 "ALARA Rept for Umetco Minerals Corp. Gas Hills, WY, First Half 1984."
* UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 84/06/30. 524pp. 27581:204.
- 8411200109 Informs that interim stabilization completed on inactive tailings area w/exception of three areas consisting of approx 6.6 acres. Areas A & B will be completed in Aug 1983 & Area C completed in Winter of 1983-84.
LYONS, P. J. Union Carbide Corp. 83/07/01. WOOLSEY, R. Uranium Recovery Field Office. 2pp. 27598:027.

8411200489 Stack sample data rept for east yellowcake scrubber stack for First Half 1984.
LYONS, P. J. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 84/06/30. PETTINGILL, H. Uranium Recovery Field Office. 5pp. 27598:161.

8411190050 Forwards Water, Waste & Land, Inc. 1984 evaporation pond embankment insp results, per License Condition 51. Rept results indicate evaporation ponds stable.
LYONS, P. J. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 84/09/23. GARCIA, P. Uranium Recovery Field Office. 9pp. 27583:080.

8411190570 "Monthly Water Level Elevation Rept for Sept 1984."
LYONS, P. J. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 84/09/30. PETTINGILL, H. F. Uranium Recovery Field Office. 22pp. 27583:334.

8411080388 Discusses technical evaluation performed, per Condition 51 of License SUA-648 re embankment performance. Embankments appear to be stable & underdrain sumps dry, indicating compacted clay liner controlling seepage.
GARCIA, P. J., PETTINGILL, H. J. Uranium Recovery Field Office. 84/10/23. Uranium Recovery Field Office. 2pp. 27405:343.

8411190601 Forwards "Quarterly Rept for Jul-Sept 1984" re A-9 collection drip sys. W/one oversize map. Aperture card available in PDR.
LYONS, P. J. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 84/10/29. GARLAND, W. L. Wyoming, State of. 3pp. 27583:110.

--8411190602 "Quarterly Rept for Jul-Sept 1984."
* UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 84/09/30. 10pp. 27583:113.

8411130480 Ack receipt of 841022 payment of \$15,000 for civil penalty proposed by NRC in 840925 ltr. Corrective actions will be examined during future insp.
AKELRAD, J. A. Enforcement Staff. 84/11/01. SHORTRIDGE, E. W. Union Carbide Corp. 2pp. 27472:012.

DOCKET 40-0672 NUCLEAR METALS, INC., CONCORD, MA

8411090209 Responds to NRC 840914 ltr re violations noted in insp of Licenses SMB-179 & 20-02217-05 on 840616-19. Corrective actions: purchase order placed to obtain telescopic survey instrument & health physics technicians performed surveys.
VUMBACO, F. J. Nuclear Metals, Inc. 84/10/10. Region 1, Office of Director. 5pp. 27398:028.

DOCKET 40-0791 UNITED TECHNOLOGIES CORP., EAST HARTFORD, CT

8411020184 Responds to NRC 841022 ltr re violation noted in insp of Licenses 06-07322-01 & SMB-151. Corrective actions: clear, visible label identifying Cd-109 attached to GE Analyzer 517839.
PARSONS, G. E. United Technologies Corp. 84/10/23. MARTIN, T. T. Division of Engineering & Technical Programs. 1p. 27252:209.

DOCKET 40-1162 WESTERN NUCLEAR, INC., JEFFREY CITY, WY

8411080492 Safety evaluation supporting Western Nuclear, Inc. 840703 technical evaluation of tailings embankment at Split Rock Mill. Embankment performing as designed. No further action necessary.
KONWINSKI, G. R., PETTINGILL, H. J. Uranium Recovery Field Office. 84/10/23. 2pp. 27416:016.

DOCKETED ITEMS

DOCKET 40-1191 IOWA STATE UNIV., AMES, IA

8411090043 Insp Findings & Licensee Ack on 841031 of Licenses SUD-591, SNM-74, 14-00019-06 & 14-00019-08. Insp findings: records of surveys performed prior to waste disposal not properly maintained for License 14-00019-06.
GIBBONS, D.R. Region 3, Office of Director. 84/10/31. 1p. 27398:306.

DOCKET 40-1341 TENNESSEE VALLEY AUTHORITY, CHATTANOOGA, TN

8411190100 Forwards details re proposed change of reporting timeframe from 60 to 90 days for environ monitoring rept. Timely resolution requested prior to Dec 1984 monitoring rept.
MILLS, L.M. Tennessee Valley Authority. 84/10/16. SMITH, R.D. Uranium Recovery Field Office. 2pp. 27583:026.

DOCKET 40-2061 KERR-MCGEE CHEMICAL CORP., OKLAHOMA CITY, OK

8411210367 Requests explanation of implications of Oak Ridge Associated Univs survey of Kress Creek/DuPage River area contamination. Survey cited in 840302 show cause order.
PROTO, N. Kelley Drye & Warren. 84/08/28. BURNS, S.G. Regional Operations & Enforcement Division. 3pp. 27617:129.

8411210164 Clarifies position re Contentions 1-7 that Nichiren Shoshu Temple seeks to litigate in Kress Creek proceeding. Contentions 2, 4 & 6 acceptable to extent listed.
BURNS, S.G. Regional Operations & Enforcement Division. 84/08/29. PROTO, N. Kelley Drye & Warren. 2pp. 27624:350.

8411210208 Clarifies position re Contentions 1 & 6 for litigation in Kress Creek decontamination proceeding. Both contentions acceptable to extent listed.
BURNS, S.G. Regional Operations & Enforcement Division. 84/08/29. RAPKIN, A. Illinois, State of. 2pp. 27617:340.

8411210205 Discusses Kerr-McGee response to NRC 840302 show cause order re facility decontamination. Kerr-McGee requested to amend answer to make averment more specific & give parties adequate notice of issues raised.
RAPKIN, A. Illinois, State of. 84/08/31. NICKLES, P.J. Covington & Burling. 2pp. 27617:343.

8411210380 Requests clarification of person or entity responsible for contamination of Kress Creek & property adjacent to Kress Creek not party to proceeding or not under Commission jurisdiction.
* Kelley Drye & Warren. 84/08/31. NICKLES, P. Covington & Burling. 1p. 27626:074.

8411210383 Discusses 8 Burns 840929 ltr re facility contentions. Telcon conference for 840904 or 05 suggested.
NICKLES, P.J. Covington & Burling. 84/08/31. PROTO, N. Kelley Drye & Warren. RAPKIN, A. Illinois, State of. 1p. 27626:073.

8411130356 Forwards two drawings indicating thorium levels along section of Kress Creek. Estimated levels based on direct gamma measurements during surface scans.
BERGER, J.D. Oak Ridge Associated Univs. 84/09/06. CROW, W. Division of Fuel Cycle & Material Safety. 4pp. 27472:045.

8411210244 Clarifies Nichiren Shoshu Temple (NST) position on Contentions 2, 4 & 6-B in response to NRC 840829 ltr.
PROTO, N. Kelley Drye & Warren. 84/09/06. CUOCO, L. Regional Operations & Enforcement Division. 5pp. 27617:306.

8411210200 Clarifies position re Nichiren Shoshu Temple (NST) Contentions 2, 4, & 6-B in Kress Creek proceeding per 840906 requests. Meeting offered to define litigable contentions.
CUOCO, L.M. Regional Operations & Enforcement Division. 84/09/12. PROTO, N. Kelley Drye & Warren. 3pp. 27617:347.

8411210374 Responds to NRC 840912 ltr re staff positions raised by Nichiren Shoshu Temple (NST). Contentions 1, 3, 4 & 5 unchanged. Contentions 2 & 6 modified as stated & Contention 7 still under dispute.
PROTO, N.T. Kelley Drye & Warren. 84/09/12. BURNS, S., CUOCO, L. Regional Operations & Enforcement Division. 4pp. 27617:106.

8411210190 Responds to 840828 request for info re radioactive contamination of Kress Creek & environ, including Nichiren Shoshu Temple property. No immediate threat to community considered. Creek should be decontaminated per EPA criteria.
BURNS, S.G. Regional Operations & Enforcement Division. 84/09/14. PROTO, N.T. Kelley Drye & Warren. 4pp. 27624:338.

8411260241 Forwards N Proto correspondence ref in 840912 ltr to N Proto per requests. W/o encl.
CUOCO, L.M. Regional Operations & Enforcement Division. 84/09/14. NICKLES, P.J. Covington & Burling. RAPKIN, A. Illinois, State of. 1p. 27646:342.

8411260189 Discusses agreement re Contentions 1-6 of Nichiren Shoshu Temple concerning Kress Creek decontamination per 840919 telcon. Contention 8 & part of Contention 7 withdrawn.
BURNS, S.G. Regional Operations & Enforcement Division. 84/09/21. FRYE, J.H., CARPENTER, J.H., MORRIS, P.A. Atomic Safety and Licensing Board Panel. 6pp. 27647:007.

--8411260201 Ack receipt of 840914 ltr re implications of radioactive contamination of Kress Creek & Nichiren Shoshu Temple property near creek. Submits only contention remaining in dispute between temple & NRC.
PROTO, N. Kelley Drye & Warren. 84/09/18. BURNS, S.G., CUOCO, L. Regional Operations & Enforcement Division. 2pp. 27647:013.

8411020530 Motion for extension of time to 841116 to file motion for clarification &/or reconsideration of ASLB 841019 memorandum & order ruling on Kerr-McGee & State of IL contentions. Certificate of Svc encl.
GILBERT, L.S. Regulations Division. #484 877. 84/10/31. Atomic Safety and Licensing Board Panel. 5pp. 27261:281.

8411130471 Discusses items of interest, including ASLB 841019 memorandum & order ruling on admissibility of remaining contentions raised by Kerr-McGee & State of IL re decommissioning of facility.
PAGE, R.G. Uranium Fuel Licensing Branch. 84/11/01. DAVIS, J.G. Office of Nuclear Material Safety & Safeguards, Director. 1p. 27472:015.

8411060315 Motion to reconsider 841019 memorandum & order re state groundwater stds. denial of contention concerning 10CFR61 & admission of Contention 1(h) by ordering staff to respond to Kerr-McGee site review. Svc list encl.
RAPKIN, A. Illinois, State of. RAPKIN, A. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). #484 901. 84/11/05. Atomic Safety and Licensing Board Panel. 7pp. 27321:033.

8411190239 Forwards motion for extension of time within which to respond to State of IL motion to reconsider. Certificate of Svc encl.
MESERVE, R.A. Covington & Burling. MESERVE, R.A. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). #484 151. 84/11/09. Docketing & Services Branch. 1p. 27552:250.

--8411190245 Motion for extension of time within which to respond to State of IL motion to reconsider. Certificate of Svc encl.
MESERVE, R.A. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). MESERVE, R.A. Covington & Burling. 84/11/09. Atomic Safety and Licensing Board Panel. 4pp. 27552:251.

8411150276 Motion for extension of time within which to respond to State of IL 841102 motion to reconsider ASLB 841019 order. Served on 841114.
NICKLES, P.J. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). NICKLES, P.J. Covington & Burling. #484 134. 84/11/13. Atomic Safety and Licensing Board Panel. 2pp. 27537:270.

8411190505 Submits first set of interrogatories & request for production of documents re Kerr-McGee Chemical Corp. Certificate of Svc encl. Related correspondence.
BURNS, S.G., CUOCO, L.M. Regional Operations & Enforcement Division. #484 171. 84/11/15. Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.). 22pp. 27549:033.

8411200256 Motion for reconsideration of ASLB 841019 decision & rejection of Kerr-McGee Contention 1, clarification of staff responsibilities or referral of ruling to ASLB. Certificate of Svc encl.
FONNER, R.L., GILBERT, L.S. Regulations Division. #484 217. 84/11/16. Atomic Safety and Licensing Board Panel. 23pp. 27572:335.

8411260044 Response supporting State of IL Atty General 841102 motion to reconsider three findings in ASLB 841019 memorandum & order admitting portions of Contentions A0 1 & A0 2. Certificate of Svc encl.
FONNER, R.L. Office of the General Counsel. #484 265. 84/11/20. Atomic Safety and Licensing Board Panel. 6pp. 27615:121.

8411280204 Motion to compel production of documents previously disclosed per 840713 discovery request. Withholding of documents after previous disclosure has no basis in law. Certificate of Svc encl. Related correspondence.
RAPKIN, A. Illinois, State of. #484 307. 84/11/26. Atomic Safety and Licensing Board Panel. 21pp. 27657:081.

DOCKETED ITEMS

3

DOCKET 40-2259 PATHFINDER MINES CORP., RIVERTON, WY

- 8410100779 Forwards semiannual effluent monitoring rept for Jan-June 1984, per License Condition 25 & 31. W/one oversize map. Aperture card available in PDR. HARDGROVE, T.W. Pathfinder Mines Corp. 84/08/31. JIERREE, C. Uranium Recovery Field Office. 1p. 26898:319.
- 8410100781 "Semiannual Effluent Monitoring Rept: Jan-June 1984." * Pathfinder Mines Corp. 84/06/30. 14pp. 26898:321.
- 8410100784 Advises that no urinalysis results exceeded 15 micrograms U per liter of urine & no in vivo measurement exceeding 9 mCi of natural U occurred during Jan-June 1984. GULLICK, F.M. Pathfinder Mines Corp. 84/08/30. Uranium Recovery Field Office. 1p. 26898:335.
- 8411070291 Forwards License SUA-672, SER & Environ assessment. Continued operation of Lucky Mc Mill authorized. SMITH, R.D. Uranium Recovery Field Office. 84/09/28. NUGENT, E.L. Pathfinder Mines Corp. 1p. 27394:214.
- 8411070316 License SUA-672 for Pathfinder Mines Corp. authorizing possession of natural U & U waste tailing at Lucky Mc U Mill in Fremont County, WY. SMITH, R.D. Uranium Recovery Field Office. 84/09/28. 10pp. 27394:215.
- 8411070321 Forwards environ assessment supporting License SUA-672 renewal for Pathfinder Mines Corp Lucky Mc Mill in Fremont County, WY. JIERREE, C.C., PETTENGILL, H.J. Uranium Recovery Field Office. 84/09/14. Uranium Recovery Field Office. 1p. 27394:237.
- 8411070323 "Environ Assessment in Consideration of Renewal of Source Matl License SUA-672 for Pathfinder Mines Corp Lucky Mc Mill." JIERREE, C.C., PETTENGILL, H.J. Uranium Recovery Field Office. 84/09/14. 75pp. 27394:238.
- 8411070329 Forwards SER supporting renewal of License SUA-672 for Pathfinder Mines Corp Lucky Mc Mill in Fremont County, WY. JIERREE, C.C., PETTENGILL, H.J. Uranium Recovery Field Office. 84/09/14. Uranium Recovery Field Office. 1p. 27394:313.
- 8411070332 Safety evaluation supporting renewal of License SUA-672, authorizing continued operation of Pathfinder Mines Corp Lucky Mc Mill in Fremont County, WY. * Uranium Recovery Field Office. 84/09/14. 68pp. 27394:314.
- 841160647 Forwards corrected pages for renewal application for License SUA-672, per 841005 telcon. Annual soil sampling data also encl. HARDGROVE, T.W. Pathfinder Mines Corp. 84/10/08. JIERREE, C. Uranium Recovery Field Office. 7pp. 27546:192.
- 841160645 Forwards comments on proposed licensing actions for Licenses SUA-1350, SUA-672 & SUA-551. W/o encl. RANDEN, L.D. Wyoming, State of. 84/10/09. PETTENGILL, H. Uranium Recovery Field Office. 1p. 27543:360.
- 841160587 Forwards draft "Evaluation of Shallow Subsurface Seepage Pathways at Pathfinder Lucky Mc U Mill by Electromagnetic Terrain Conductivity Mapping," for comment. KETELLE, R.H. Oak Ridge National Laboratory. 84/11/01. KONWINSKI, G. Uranium Recovery Field Office. 2pp. 27546:060.
- 841160596 Draft "Evaluation of Shallow Subsurface Seepage Pathways at Pathfinder Lucky Mc U Mill by Electromagnetic Terrain Conductivity Mapping." KETELLE, R.H., PIN, F.G., SINGLEY, P.T. Oak Ridge National Laboratory. ORNL/TM-9403 DRFT. 84/11/01. 38pp. 27546:062.

DOCKET 40-3453 ATLAS MINERALS, INC., DENVER, CO

- 841190059 Forwards addl info re proposed reclamation plans for Moab Wash, per 840709 request. Questions in request addressed in encl Woodward-Clyde Consultants 840919 ltr. Repairs to pilot channel preclude need for long-term maint fund. BLUBAUGH, R.F. Atlas Minerals, Inc. 84/09/21. PETTENGILL, H.J. Uranium Recovery Field Office. 9pp. 27583:059.

DOCKET 40-6622 PATHFINDER MINES CORP., SHIRLEY BASIN, WY

- 841190575 Provides comments re tailings seepage control plan for confirmation. Plan for controlling north contaminant plume deficient. Additions & mods to entire contaminant control scheme may be necessary. Listed documents requested. PUCEL, P. Wyoming, State of. 84/09/26. KONWINSKI, G. Uranium Recovery Field Office. 1p. 27583:331.
- 8411080412 Advises of issuance of Amend 15 to License SUA-442, adding Condition 37 re implementation of Shirley Basin tailings seepage control plan. Rept on effectiveness of sys will be submitted by 850301. SMITH, R.D. Uranium Recovery Field Office. 84/09/27. POYSER, R. Pathfinder Mines Corp. 2pp. 27405:238.
- 8411080415 Amend 15 to License SUA-442 for Pathfinder Mines Corp. authorizing unlimited use of any U. SMITH, R.D. Uranium Recovery Field Office. 84/10/04. 6pp. 27405:240.
- 8411080417 Submits review & recommendations re Pathfinder Mines Corp seepage control plan for Shirley Basin. KONWINSKI, G.R., PETTENGILL, H.J. Uranium Recovery Field Office. 84/10/04. Uranium Recovery Field Office. 16pp. 27405:246.
- 8411070268 Forwards renewed License SUA-442 for Pathfinder Mines Corp. authorizing continued operation of Shirley Basin U Mill. SER & environ assessment encl. SMITH, R.D. Uranium Recovery Field Office. 84/09/28. POYSER, R. Pathfinder Mines Corp. 1p. 27395:020.
- 8411070271 Renewed License SUA-442, authorizing continued operation of Shirley Basin U Mill. SMITH, R.D. Uranium Recovery Field Office. 84/09/28. 8pp. 27395:021.
- 8411070274 "Guidelines for Decontamination of Facilities & Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct or Source Matls." * Uranium Recovery Field Office. 84/09/30. 9pp. 27395:029.
- 8411070277 Forwards "Environ Assessment by U Recovery Field Ofc of in Consideration of Renewal of License SUA-442 for Pathfinder Mines Corp. Shirley Basin U Mill." KONWINSKI, G.R., PETTENGILL, H.J. Uranium Recovery Field Office. 84/09/14. Uranium Recovery Field Office. 1p. 27395:038.
- 8411070283 "Environ Assessment by U Recovery Field Ofc in Consideration of Renewal of License SUA-442 for Pathfinder Mines Corp. Shirley Basin U Mill." KONWINSKI, G.R., PETTENGILL, H.J. Uranium Recovery Field Office. 84/09/14. 61pp. 27395:039.
- 8411070288 Forwards "SER by U Recovery Field Ofc in Consideration of Renewal of Source Matl License SUA-442 for Pathfinder Shirley Basin Mill." KONWINSKI, G.R., PETTENGILL, H.J. Uranium Recovery Field Office. 84/09/14. Uranium Recovery Field Office. 1p. 27395:100.
- 8411070293 "SER by U Recovery Field Ofc in Consideration of Renewal of Source Matl License SUA-442 for Pathfinder Shirley Basin Mill." KONWINSKI, G.R., PETTENGILL, H.J. Uranium Recovery Field Office. 84/09/14. 43pp. 27395:101.
- 841160639 Forwards ambient air data for First & Second Quarters 1984. Second Quarter data delayed due to error in original calculation. SMITH, J.C. Pathfinder Mines Corp. 84/10/17. KONWINSKI, G. Uranium Recovery Field Office. 1p. 27543:358.
- 841160642 Ambient air data for First & Second Quarters 1984. * Pathfinder Mines Corp. 84/06/30. 1p. 27543:359.

DOCKET 40-6659 GETTY OIL CO. - PETROTOMICS CO., SHIRLEY BASIN, WY

- 8411080537 Forwards renewed License SUA-551, authorizing continued operation of Shirley Basin U Mill. SER & environ assessment also encl. SMITH, R.D. Uranium Recovery Field Office. 84/10/03. WHITHAM, J. Getty/Petrotomics Co. 1p. 27408:065.
- 8411080544 Renewed License SUA-551 for Petrotomics Co. authorizing continued operation of Shirley Basin U Mill. SMITH, R.D. Uranium Recovery Field Office. 84/10/03. 9pp. 27408:066.

DOCKETED ITEMS

--8411080552 Forwards environ assessment in support of renewal of License SUA-551 for Petrotonomics Co.
KONWINSKI, G.R., PETTENGILL, H.J. Uranium Recovery Field Office.
84/09/28. Uranium Recovery Field Office. 1p. 27408:096.

--8411080556 Environ assessment supporting renewal of License SUA-551 for Getty Petrotonomics Co., Shirley Basin U Mill.
* Division of Waste Management. 84/09/28. 50pp. 27408:097.

--8411080559 Forwards SER in support of renewal of License SUA-551 for Petrotonomics Co.
KONWINSKI, G.R., PETTENGILL, H.J. Uranium Recovery Field Office.
84/09/28. Uranium Recovery Field Office. 1p. 27408:148.

--8411080565 SER supporting renewal of License SUA-551.
* Division of Waste Management. 84/09/28. 50pp. 27408:149.

8411160645 Forwards comments on proposed licensing actions for Licenses SUA-1350, SUA-672 & SUA-551. W/o encl.
RANDEN, L.D. Wyoming, State of. 84/10/09. PETTENGILL, H. Uranium Recovery Field Office. 1p. 27543:360.

8411190113 Forwards revised Pages 4-5 & 4-6 to 810401 application for amend to license SUA-551 re location of low level waste disposal site.
PFAFF, S.J., Getty/Petrotonomics Co. 84/10/09. PETTENGILL, H.J. Uranium Recovery Field Office. 1p. 27568:258.

--8411190162 Revised Pp 4-5 & 4-6 to application for amend to License SUA-551, withdrawing location of low level waste disposal site.
* Getty/Petrotonomics Co. 81/04/01. 2pp. 27568:259.

8411070230 Safety evaluation re environ monitoring rept for First & Second Quarters 1984, per 10CFR40.65 & License Condition 22 of License SUA-551. Data indicates Ra-226, Pb-210 & Rn-222 values below 10% max permissible concentration.
KONWINSKI, G.R., PETTENGILL, H.J. Uranium Recovery Field Office.
84/10/23. App. 27388:272.

DOCKET 40-7455 WHITTAKER METALS, LOS ANGELES, CA

8411130505 Forwards "Radiation Monitoring of Segregation of Slags Generated by Air Products & Chemicals & Greenville Metals During Past Yr" for comment.
TERRILL, J.G. Energy Impact Associates. 84/10/15. COOL, D. Uranium Fuel Licensing Branch. 1p. 27471:358.

--8411130507 "Radiation Monitoring of Segregation of Slags Generated by Air Products & Chemicals & Greenville Metals During Past Yr."
TERRILL, J.G. Energy Impact Associates. 84/10/11. 5pp. 27471:359.

8411080406 Requests removal, decontamination & reexam of area where survey team found slag & metal matl & remains of isolated contamination in specified drainage areas. Survey results rept requested.
COOL, D.A. Uranium Fuel Licensing Branch. 84/10/29. SPILLER, S.L. Whittaker Corp. 3pp. 27405:265.

8411080045 Responds to 840813 telcon re contaminated slag piles generated by recent metal reprocessing activities conducted by Greenville Metals. Sample results of slag piles encl.
KINNEHAN, J.D. Region 1, Office of Director. 84/11/02. HANDWERK, E. Air Products & Chemicals, Inc. 5pp. 27392:107.

DOCKET 40-8027 KERR-MCGEE NUCLEAR CORP., OKLAHOMA CITY, OK

8411130540 Forwards ltrs from two residents responding to published notice of mod to deep well permit. State of OK tentatively scheduled public meeting for 841022.
STAUTER, J.C. Kerr-McGee Corp. 84/09/21. CROW, W.T. Uranium Fuel Licensing Branch. 8pp. 27472:001.

Forwards Amends 1-21 to License SUB-1010 & SER. Info re well injection at plant also encl. W/o

ensing Branch. 84/10/25. GOURD, C.A.
27325:333.

* proposed deep-well injection of
* Health holding informal
on well on 841105. W/o encl

* Material Safety &
* JOULSON-CURRIN Affiliation Not

8411160095 Submits items of interest re listed fuel cycle facilities.
Kerr-McGee application for license amend to permit disposal of 35 million gallons raffinate solution by deep well injection over 14 month period acceptable.
PAGE, R.G. Uranium Fuel Licensing Branch. 84/11/08. DAVIS, J.G. Office of Nuclear Material Safety & Safeguards, Director. 3pp. 27565:357.

DOCKET 40-8084 RIO ALGOM CORP., MOAB, UT

8411160593 Application for renewal of License SUA-1119, supplementing 840530, 0820 & 0924 submittals.
PATTISON, R.S. Rio Algom Corp. 84/10/11. SMITH, R.D. Uranium Recovery Field Office. 100pp. 27546:100.

8411200523 "Semiannual Environ Monitoring Rept, Jan-June 1984."
LANTON, M.D. Rio Algom Corp. 84/06/30. 34pp. 27598:087.

8411090056 Forwards renewed License SUA-1119, authorizing continued operation of Lisbon U Mill. SER & environ assessment also encl.
SMITH, R.D. Uranium Recovery Field Office. 84/09/28. LANTON, M.D. Rio Algom Corp. 1p. 27423:152.

--8411090083 License SUA-1119 for Rio Algom Mining Corp, authorizing possession of natural U at Lisbon U Mill in San Juan County, UT.
SMITH, R.D. Uranium Recovery Field Office. 84/09/28. 10pp. 27423:153.

--8411090093 Forwards environ assessment supporting renewal of License SUA-1119 for Rio Algom Mining Corp Lisbon Mill in San Juan County, UT.
GARCIA, P.J., PETTENGILL, H.J. Uranium Recovery Field Office. 84/09/14. Uranium Recovery Field Office. 1p. 27423:173.

--8411090099 "Environ Assessment in Consideration of Renewal of License SUA-1119 for Rio Algom Mining Corp Lisbon Mill."
* Uranium Recovery Field Office. 84/09/14. 49pp. 27423:174.

--8411090106 Forwards SER supporting renewal of License SUA-1119 for Rio Algom Mining Corp Lisbon Mill in San Juan County, UT.
GARCIA, P.J., PETTENGILL, H.J. Uranium Recovery Field Office. 84/09/14. Uranium Recovery Field Office. 1p. 27423:223.

--8411090112 Safety evaluation supporting renewal of License SUA-1119, Rio Algom Mining Corp Lisbon U Mill.
GARCIA, P.J., PETTENGILL, H.J. Uranium Recovery Field Office. 84/09/14. 33pp. 27423:224.

8411200587 Advises that changes to annual land use survey submitted on 840308, per License Condition 29 of Source Matl License SUA-1119, shown on encl map. W/one oversize map. Aperture card available in PDR.
PATTISON, R.S. Rio Algom Corp. 84/09/28. SMITH, R.D. Uranium Recovery Field Office. 1p. 27597:350.

8411190095 Comments on rept, "Results of Addl Groundwater Investigations Conducted at Lisbon U Mill." Results of study of seepage plume & porous media southeast of lower tailings pond of significant interest.
WILLIAMS, R.E. Williams & Associates. 84/10/16. GARCIA, P. Uranium Recovery Field Office. 6pp. 27583:028.

DOCKET 40-8102 EXXON CO., USA, HOUSTON, TX

8411140072 Application to amend License SUA-1139, authorizing disposal of solid waste matls contaminated w/byproduct matl from ND Resources, Inc. Highland U Operations U Mill tailings basin. Fee paid.
PATTISON, J.D. Exxon Corp. 84/10/25. PETTENGILL, H.J. Uranium Recovery Field Office. 1p. 27509:351.

DOCKET 40-8348 MINERALS EXPLORATION CO., LOS ANGELES, CA

8411070196 Submits documentation re 841001 telcon concerning State of WY Dept of Environ Quality 840907 ltr re Minerals Exploration Co A-3 in situ groundwater sampling data. Action postponed until June & Sept samples received.
WASTLER, S.L., HAWKINS, E.F. Uranium Recovery Field Office. 84/10/17. Uranium Recovery Field Office. 2pp. 27388:285.

DOCKETED ITEMS

5

--8411070197 Forwards sampling data received from Minerals Exploration Co for A-3 in situ site. Restoration inadequate. Addl restoration work required if radium & U results do not show definite trend reversal.
ENGELMANN, R. Wyoming, State of. 84/09/07. WASTLER, S. Uranium Recovery Field Office. 13pp. 27388:287.

DOCKET 40-8452 BEAR CREEK URANIUM CO., CASPER, WY

8411070337 Forwards SER supporting renewal of License SUA-1310 for Bear Creek U mill.
PANGBURN, G. C., PETTENGILL, H. J. Uranium Recovery Field Office. 84/09/14. Uranium Recovery Field Office. 1p. 27388:146.

--8411070339 Safety evaluation supporting renewal of License SUA-1310 for Bear Creek U mill.
PANGBURN, G. C., PETTENGILL, H. J. Uranium Recovery Field Office. 84/09/14. 27pp. 27388:147.

8411080508 Forwards "Environ Assessment by U Recovery Field Ofc, Region IV, in Consideration of Renewal of Source Matl License SUA-1310 for Bear Creek U Co. Bear Creek U Mill, Docket 40-8452."
PANGBURN, G. C., PETTENGILL, H. J. Uranium Recovery Field Office. 84/09/14. Uranium Recovery Field Office. 1p. 27408:295.

--8411080514 "Environ Assessment by U Recovery Field Ofc, Region IV, in Consideration of Renewal of Source Matl License SUA-1310 for Bear Creek U Co. Bear Creek U Mill, Docket 40-8452."
PANGBURN, G. C. Uranium Recovery Field Office. 84/09/14. 58pp. 27408:296.

8411070299 Forwards renewed License SUA-1310 for Bear Creek U Co, authorizing continuance of U milling operations.
SMITH, R. D. Uranium Recovery Field Office. 84/09/28. BAUMANN, W. Bear Creek Uranium Co. 1p. 27388:095.

--8411070304 Renewed License SUA-1310 for Bear Creek U Co, authorizing possession of byproduct matl as U waste tailings, generated by license milling operations.
SMITH, R. D. Uranium Recovery Field Office. 84/09/28. 8pp. 27388:096.

DOCKET 40-8502 WYOMING MINERAL CORP., LAKEWOOD, CO

8411080003 Advises that Wyoming Mineral Corp 830831 request for self-bonding application denied by State of WY, Dept of Environ Quality. No NRC action required.
PETERSON, K. A., HAWKINS, E. F. Uranium Recovery Field Office. 84/10/12. Uranium Recovery Field Office. 1p. 27406:038.

8411190344 Informs that chloride action levels exceeded in Coal Zone Perimeter Wells 9RS-64 & 9RS-79 on 840805 & 830605, respectively. Chloride action levels also exceeded in Ore Zone Monitor Wells 517-MZ & 517-NMZ. Action levels encl.
FAUBER, J. R. Westinghouse Electric Corp. 84/10/18. SMITH, D. Uranium Recovery Field Office. 4pp. 27584:001.

DOCKET 40-8584 MINERALS EXPLORATION CO., LOS ANGELES, CA

8411160645 Forwards comments on proposed licensing actions for Licenses SUA-1350, SUA-672 & SUA-551. W/o encl.
RANDEN, L. D. Wyoming, State of. 84/10/09. PETTENGILL, H. Uranium Recovery Field Office. 1p. 27543:360.

8411140066 Application to amend License SUA-1350, authorizing disposal of up to 3,000 metric tons, on one time basis & annual continuing basis, of rare earths processing residue in Sweetwater tailings cell. Fee paid.
KLEIN, T. J. Union Minerals. 84/10/22. PETTENGILL, H. Uranium Recovery Field Office. 6pp. 27523:179.

DOCKET 40-8602 SILVER KING MINES, INC., CASPER, WY

8411070262 Forwards renewed License SUA-1356, effective following completion of const of Morton Ranch Project. Tailings disposal amend application & revised radiation safety program due by 880301.
SMITH, R. D. Uranium Recovery Field Office. 84/09/28. WOLFF, C. E. Silver King Mines, Inc. 1p. 27388:210.

--8411070295 Renewed license SUA-1356 for Silver King Mines, Inc, authorizing unlimited use of any natural U.
SMITH, R. D. Uranium Recovery Field Office. 84/09/28. 8pp. 27388:211.

--8411070314 Evaluation of 840322 application for renewal of License SUA-1356. Renewal recommended.
PANGBURN, G. C., PETTENGILL, H. J. Uranium Recovery Field Office. 84/09/28. 14pp. 27388:229.

DOCKET 40-8663 NUCLEAR DYNAMICS, INC., PHOENIX, AZ

8411070276 Authorizes B Conroy of Resource Technologies Group, Inc, to submit decommissioning plan for Nubeth Solution Mining Project north of Moorcroft, WY.
STOICK, A. F. ND Resources, Inc. 84/09/06. HAWKINS, E. F. Uranium Recovery Field Office. 1p. 27388:083.

8411070343 Requests permission to seal, for abandonment, 15 wells in "Five Spot" mining wellfield, 15 monitoring wells in hydrologic test area 800 ft west of mining wellfield & five other wells 3,000 ft northwest of mining field.
STOICK, A. F. ND Resources, Inc. 84/09/12. CHANCELLOR, R. Wyoming, State of. 3pp. 27387:356.

8411080168 Issues Amend 4 to License SUA-1331, adding Condition 32. Amend reflects approval of facility decommissioning plan.
SMITH, R. D. Uranium Recovery Field Office. 84/10/01. STOICK, A. F. ND Resources, Inc. 2pp. 27406:023.

--8411080176 Reviews facility decommissioning plan. Plan acceptable w/ listed License Condition 32.
BRICH, R. F., HAWKINS, E. F. Uranium Recovery Field Office. 84/10/01. Uranium Recovery Field Office. 8pp. 27406:025.

DOCKET 40-8675 ENERGY FUELS NUCLEAR, INC., DENVER, CO

8411200130 "Semiannual Rept of Environ Monitoring, Energy Fuels Nuclear, Hanksville Ore Buying Station, Jan-June 1984." W/841008 ltr.
ROBERTS, H. R. Energy Fuels Nuclear, Inc. 84/06/30. HILDENBRAND, P. Uranium Recovery Field Office. 7pp. 27598:004.

DOCKET 40-8681 ENERGY FUELS NUCLEAR, INC., DENVER, CO

8411160519 "Effluent & Monitoring Rept, Jan-June 1984." W/841011 ltr.
ROBERTS, H. R. Energy Fuels Nuclear, Inc. 84/06/30. HILDENBRAND, P. Uranium Recovery Field Office. 62pp. 27546:271.

8411190583 "Semiannual ALARA Audit Rept," conducted on 840720.
W/841019 ltr.
ROBERTS, H. R. Energy Fuels Nuclear, Inc. 84/07/20. VINCELETTE, M. D. Energy Fuels Nuclear, Inc. 46pp. 27583:285.

8411190013 Informs that groundwater monitoring & leak detection sys in compliance w/ NRC acceptance criteria, per 840710 ltr. Tailings mgt sys falls under exception provision of criteria & complies w/ Amend 10 to License SUA-1358.
VINCELETTE, M. D. Energy Fuels Nuclear, Inc. 84/09/26. SMITH, R. D. Uranium Recovery Field Office. 2pp. 27583:361.

8411160644 Notifies that S Schierman will temporarily replace L Perkins as resident radiation protection officer.
SPARLING, D. K. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 84/09/28. SMITH, R. D. Uranium Recovery Field Office. 4pp. 27546:048.

8411070287 Forwards suggested format for "Auditor Special Rept & Confirmation of Chief Financial Officer Ltr," per 841019 telcon. Document should be completed by independent certified public accountant.
HAWKINS, E. F. Uranium Recovery Field Office. 84/10/22. DEHOLLANDER, R. UMETCO Minerals Corp. (subs. of Union Carbide Corp.). 3pp. 27388:047.

8411200102 Discusses review of Union Carbide application for financial responsibility of White Mesa Mill, in response to 840914 request. Mod of Item 11 of corporate guarantee introducing contract between NRC & licensee unacceptable.
HIGGINSBOTHAM Low-Level Waste & Uranium Recovery Projects Branch. 84/10/22. SMITH, R. D. Uranium Recovery Field Office. 2pp. 27598:029.

8411070218 Reviews Energy Fuels Nuclear, White Mesa Project annual land use survey for Aug 1983 - Jul 1984, required by License Condition 39 of License SUA-1358. Approx 2 acres of grazing land cleared for agricultural use.
HILDENBRAND, P., HAWKINS, E. F. Uranium Recovery Field Office. 84/10/23. 1p. 27388:284.

DOCKETED ITEMS

8411080505 Safety evaluation re review of annual summary rept of surveillance & insp of tailings retention sys for License SUA-1338, per License Condition 26. No liner damage indicated.
HILDENBRAND, P., HAWKINS, E. F. Uranium Recovery Field Office.
84/10/23. 2pp. 27408:360.

DOCKET 40-8484 WESTERN NUCLEAR, INC., LAKEWOOD, CO

8411190004 Revised application to amend License SUA-1337, changing Pages C-20a & D-6-3a re Willow Creek Crossing per State of WY Dept of Environ Quality/Land Quality Div 840815 questions.
BOGDEN, G. Western Nuclear, Inc. (subs. of Phelps Dodge Corp.).
84/10/01. HILDENBRAND, P. Uranium Recovery Field Office. 11pp.
27584:010.

8411190105 Forwards Final rept for review of proposed solar evaporation pond, Task Order 002, to "Licensing Assistance/Geotechnical & Hydrological Evaluations/U Recovery Field Ofc," supporting License SUA-1337 renewal application.
FUJIMOTO, R. I. Goodson & Associates, Inc. NRC-RQ4-83-673. 84/10/15.
GARCIA, P. J. Uranium Recovery Field Office. 14pp. 27583:012.

8411070135 Forwards SER supporting renewal of License SUA-1337 for Western Nuclear, Inc R&D in situ leach project.
HILDENBRAND, P., HAWKINS, E. F. Uranium Recovery Field Office.
84/10/18. Uranium Recovery Field Office. 1p. 27387:317.

--8411070141 SER supporting renewal of License SUA-1337 for Western Nuclear, Inc R&D Site 1. (Willow Creek).
HILDENBRAND, P., HAWKINS, E. F. Uranium Recovery Field Office.
84/10/31. 31pp. 27387:318.

8411160555 Forwards schedule of 841109 meeting to discuss progress in evaluating Irigaray Mine & associated resources for potential purchase. Concerns about mine operation will also be discussed.
BOGDEN, G. Western Nuclear, Inc. (subs. of Phelps Dodge Corp.).
84/10/18. SMITH, D. Uranium Recovery Field Office. RANDEN, L., GARLAND, W. Wyoming, State of. 2pp. 27543:296.

DOCKET 40-8492 COTTER CORP., LAKEWOOD, CO

8411070349 Responds to 840824 request to terminate License SUA-1370. Site decommissioned in accordance w/license & applicable regulatory requirements. License terminated.
SMITH, R. D. Uranium Recovery Field Office. 84/09/28. COURTNEY, A. D. Cotter Corp. 1p. 27388:128.

--8411070350 Safety evaluation re 840824 request that License SUA-1370 not be renewed. Reporting requirements & decommissioning activities performed in accordance w/applicable regulations. Termination of license recommended.
HILDENBRAND, P., HAWKINS, E. F. Uranium Recovery Field Office.
84/09/28. 2pp. 27388:129.

DOCKET 40-8498 PLATEAU RESOURCES, LTD., GRAND JUNCTION, CO

8411200073 Submits annual survey of land use in areas within 5 miles of Shooting Canyon Processing Facility. Minor changes noted in encl maps. W/two oversize maps. Aperture cards available in PDR.
GERDEMAN, F. W. Plateau Resources, Ltd. 84/09/26. Uranium Recovery Field Office. 1p. 27586:349.

8411080008 Safety evaluation re annual land use survey conducted in vicinity of Shooting Canyon U Processing facility, per Condition 37 of License SUA-1371. No major changes in land use occurred since previous survey.
SHOPENN, N. M., PETTINGILL, H. J. Uranium Recovery Field Office.
84/10/23. Uranium Recovery Field Office. 2pp. 27406:034.

8411080494 Ack receipt of BK Reaveau resume. Reaveau meets qualifications specified in Section 3.2 of 800616 license application & required by License Condition 11.
PETTINGILL, H. J. Uranium Recovery Field Office. 84/10/23.
GERDEMAN, F. W. Plateau Resources, Ltd. 1p. 27416:015.

D-CLIFFS IRON CO., CLEVELAND, OH

pt on Cleveland Cliffs Iron Co Collin Draw
ed on modeling effort & not encl.

Associates. 84/10/08. PETERSON, K.
Uranium Recovery Field Office. 1p. 27543:295.

8411190121 Requests confirmation that soils in area of process waste water drain field have not been contaminated to degree which would require remedial action or decontamination, based on 840731 soils sampling.
LOUDERBACK, T. E. Cleveland-Cliffs Iron Co. 84/10/12. PETERSON, K. Uranium Recovery Field Office. 5pp. 27583:105.

DOCKET 40-8724 CHEMETRON CORP., CHICAGO, IL

8411140024 Forwards consultant rept on decontamination of McGean site in Newburg Heights, OH. Decontamination efforts meet NRC criteria. Confirmatory survey in near future requested. W/o encl.
WILNER, S. M. Allegheny International. 84/10/26. PAGE, R. G. Uranium Fuel Licensing Branch. 2pp. 27509:343.

8411160472 Summary of 841031-1101 meetings w/Dak Ridge Associated Univ, Allegheny Intl/Chemetron & Radiation Mgt Corp in Newburg Heights, OH re status of decontamination of McGean Dump & processing site.
COOL, D. A. Uranium Fuel Licensing Branch. 84/11/07. Uranium Fuel Licensing Branch. 1p. 27546:054.

DOCKET 40-8728 TETON EXPLORATION DRILLING CO., INC., CASPER, WY

8411080396 Issues Amend B to License SUA-1373, revising Conditions 1 & 2 to reflect new name & address as result of closing of Casper, WY ofc.
SMITH, R. D. Uranium Recovery Field Office. 84/10/05. United Nuclear Corp. (subs. of UNC Resources, Inc.). 1p. 27405:274.

8411080387 Discusses 840921 ltr re change of address, consolidation of UNC Teton & closing of Casper ofc. License amend will be issued for Licenses SUA-1403 & SUA-1373 to reflect address change.
HAWKINS, E. F. Uranium Recovery Field Office. 84/10/17. MELROSE, T. G. United Nuclear Corp. (subs. of UNC Resources, Inc.). 2pp. 27405:345.

DOCKET 40-8745 OGLE PETROLEUM, INC., CASPER, WY

8411160648 "Sixth Semiannual Rept, 840223-0827." W/840928 ltr.
CATCHPOLE, G. J. Ogle Petroleum, Inc. 84/08/27. SMITH, R. D. Uranium Recovery Field Office. 169pp. 27560:228.

8411070226 Advises that Ogle Petroleum, Inc annual land use survey conducted on 840820, submitted per License Condition 70 of License SUA-1396, acceptable.
WASTLER, S. L. Uranium Recovery Field Office. 84/10/17. Uranium Recovery Field Office. 2pp. 27388:276.

8411190071 Forwards Mine Safety & Health Administration safety rept for insp conducted on 841011. Mine Safety & Health Administration performed radon-daughter concentration monitoring.
CATCHPOLE, G. J. Ogle Petroleum, Inc. 84/10/18. WASTLER, S. Uranium Recovery Field Office. 4pp. 27583:034.

8411070220 Safety evaluation re Ogle Petroleum semiannual ALARA rept for Jan-June 1984. Objectives of ALARA met.
WASTLER, S. L., HAWKINS, E. F. Uranium Recovery Field Office. 84/10/23. 4pp. 27388:280.

DOCKET 40-8752 PINAL MINERALS & MINING, LTD., MIAMI, AZ

8411190021 Forwards log sheets used to perform quarterly background radiation measurements & assays of soil, water & vegetation. Sediment samples from wash & other samples also planned for comparison w/previous findings.
MCKLVEEN, J. W. Affiliation Not Assigned. 84/10/12. SHOPENN, M. K. Uranium Recovery Field Office. 74pp. 27583:158.

8411160604 Requests correction to swipe survey limit for decommissioning Lucky Boy Pilot plant on Page 13 of 841001 decommissioning plan.
MCKLVEEN, J. W. Affiliation Not Assigned. 84/10/23. SHOPENN, M. K. Uranium Recovery Field Office. 1p. 27543:355.

DOCKETED ITEMS

7

DOCKET 40-8768 KERR-MCGEE NUCLEAR CORP., OKLAHOMA CITY, OK

841190131 Forwards summary of addl sediment samples collected from drainage sys on 840813. Drainage channel sediments between NPDES discharge point & point 250 ft downstream of normal sample location being removed, per 840817 ltr. FREEMAN, M.D. Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.). 84/10/17. HAWKINS, E., HILDENBRAND, P. Uranium Recovery Field Office. 2pp. 27568:256.

DOCKET 40-8781 TETON EXPLORATION DRILLING CO., INC., CASPER, WY

8411080164 Issues Amend 1 to License SUA-1403, revising Conditions 1 & 2 to reflect new name & address as result of closing of Casper, WY ofc. SMITH, R.D. Uranium Recovery Field Office. 84/10/05. United Nuclear Corp. (subs. of UNC Resources, Inc.). 1p. 27406:033.

8411080387 Discusses 840921 ltr re change of address, consolidation of UNC Teton & closing of Casper ofc. License amend will be issued for Licenses SUA-1403 & SUA-1373 to reflect address change. HAWKINS, E.F. Uranium Recovery Field Office. 84/10/17. MELROSE, T.O. United Nuclear Corp. (subs. of UNC Resources, Inc.). 2pp. 27405:345.

841190166 Forwards joint venture agreement w/Nuclear Exploration & Development Co re site monitoring. Proposal being prepared. MELROSE, T.O. United Nuclear Corp. (subs. of UNC Resources, Inc.). 84/10/26. SMITH, R.D. Uranium Recovery Field Office. 37pp. 27568:219.

DOCKET 40-8783 URANERZ USA, INC., CASPER, WY

8411200469 Recommends that injection well (5PLT) for use in groundwater restoration phase be approved for users, per KG Somerville 840917 request. OGLE, K.M. Uranerz USA, Inc. 84/09/19. Uranerz USA, Inc. 1p. 27598:187.

8411080379 Safety evaluation reviewing ALARA audit rept for Uranerz USA, Inc. Ruth R&D in situ leach facility for Jan 1983 - June 1984. Three semiannual audits identical, including typos & poor grammar. Repts inadequate. BRICH, R.F., HAWKINS, E.F. Uranium Recovery Field Office. 84/10/01. Uranium Recovery Field Office. 3pp. 27405:352.

8411080490 Discusses review of 840906 submittal of semiannual ALARA audit repts. ALARA audit format contained in Section 2.3.5 of Reg Guide 8.31 not followed. Revised repts should be submitted within 60 days. SMITH, R.D. Uranium Recovery Field Office. 84/10/17. HARTMAN, G. Uranerz USA, Inc. 1p. 27416:018.

DOCKET 40-8786 URANIUM RESOURCES, INC., RICHARDSON, TX

8411200060 Forwards geophysical logs of North Platte monitor wells w/ gamma response highlighted & screened interval indicated. GT U value index for Well MW-4 1.54, six times value found in next highest grade well. W/o encl. PELIZZA, M.S. Uranium Resources, Inc. 84/10/03. PUCEL, P. Wyoming, State of. 1p. 27588:325.

841190052 Recaps 840911 meeting w/State of WY Dept of Environ Quality & NRC re status of listed licenses, including stability of restored wellfield & excursion status in Wells MW-1, MW-3 & MW-4. PELIZZA, M.S. Uranium Resources, Inc. 84/10/24. HAWKINS, E. Uranium Recovery Field Office. GARLING, B., RANDEN, L. Wyoming, State of. 7pp. 27583:068.

841190577 Discusses concerns re groundwater classification of North Platte property & restoration technique where stability can be demonstrated. MS Pelizza ltr on recent joint meeting re sub licenses encl. W/o encl. LARSON, R.O. Uranium Resources, Inc. 84/10/26. SMITH, D. Uranium Recovery Field Office. BUNDIN, R.E. Wyoming, State of. 2pp. 27583:332.

DOCKET 40-8800 MCGEAN DISPOSAL DUMP, NEWBURGH HEIGHTS, OH

841160095 Submits items of interest re listed fuel cycle facilities. Kerr-McGee application for license amend to permit disposal of 35 million gallons raffinate solution by deep well injection over 14 month period acceptable. PAGE, R.G. Uranium Fuel Licensing Branch. 84/11/08. DAVIS, J.G. Office of Nuclear Material Safety & Safeguards, Director. 3pp. 27565:357.

DOCKET 40-8801 RADIATION MANAGEMENT CORP., NORTHBROOK, IL

8411130711 Responds to 841018 request for initial draft engineering evaluation for West Lake Landfill in Bridgeton, MO. Draft rept unavailable. Final rept due from Univ of Missouri by 841231 will be forwarded when available. WYNGARDEN, S.D. Uranium Fuel Licensing Branch. 84/11/05. DREY, L.A. Affiliation Not Assigned. 1p. 27463:340.

8411130721 Ack receipt of 841013 ltr & trip rept re West Lake Landfill in Bridgeton, MO. Initial draft rept, submitted by Univ of Missouri in Columbia, requested. DREY, K. Affiliation Not Assigned. 84/10/18. WYNGARDEN, S.D. Uranium Fuel Licensing Branch. 1p. 27463:341.

DOCKET 40-8829 WYOMING FUEL CO., LAKEWOOD, CO

8411080424 Summarizes 840924 telcon re Wyoming Fuel Co proposed Crow Butte site project. EPA needs to review final environ assessment to evaluate responses to comments to assure environ impacts of proposed project adequately addressed. HAWKINS, E.F. Uranium Recovery Field Office. 84/10/02. FENEMORE, R. Environmental Protection Agency. 3pp. 27405:230.

8411080357 Forwards notice of final finding of no significant impact re issuance of License SUA-1441 for publication in FR. HAWKINS, E.F. Uranium Recovery Field Office. 84/10/03. COMBS, T. Correspondence & Records Branch. 2pp. 27405:360.

8411080361 Notice of final finding of no significant impact re issuance of License SUA-1441 for operation of Crow Butte R&D in situ leach project in Dawes County, NE. Environ assessment encl. HAWKINS, E.F. Uranium Recovery Field Office. 84/10/03. 15pp. 27405:362.

841190607 Requests comments on rept, "Radon Control at Wyoming Fuel Co Crow Butte In Situ U Mine," per 840803 meeting re draft environ assessment. COLLINGS, S.P. Wyoming Fuel Co. 84/10/30. WASTLER, S. Uranium Recovery Field Office. 1p. 27583:104.

DOMESTIC LICENSING OF PRODUCTION AND UTILIZATION FACILITIES

DOCKET 50-3 INDIAN POINT STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411010540 Forwards public version of emergency plan procedure, Apps A & B re emergency roster. O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/10/10. MURLEY, T.E. Region 1, Office of Director. 2pp. 27265:321. 24X Fiche: 50-003, 84/10/10, 8411010540.

8411010545 Public version of emergency plan procedure, Apps A & B re emergency roster. W/JM Felton 841023 memo. * Consolidated Edison Co. of New York, Inc. 84/10/10. 22pp. 27265:323. 24X Fiche: 50-003, 84/10/10, 8411010540.

8411260015 Forwards revs to physical security plan, updating number of vital area access/egress doors normally controlled by card readers. Revs withheld (ref 10CFR73.21 & 2.790). O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/11/08. MURLEY, T.E. Region 1, Office of Director. 1p. 27614:091. 24X Fiche: 50-003, 84/11/08, 8411260015.

G. Adjudicatory correspondence

841160176 Revised staff requirements memo correcting Item 4 in 841025 staff requirements memo re continuation of 841016 discussion on Indian Point adjudicatory proceeding. CHILK, B.J. Office of the Secretary of the Commission. 84/11/07. DIRCKS, W.J. Office of the Executive Director for Operations. ZERBE, J.E. Office of Policy Evaluations. PLAINE, H.H.E. Office of the General Counsel. 1p. 27561:358. 24X Fiche: 50-003, 84/11/07, 841160176.

DOCKETED ITEMS

P. Operating license stage documents & correspondence

B411090080 Notification of B41102 meeting w/util in Bethesda, MD to discuss proposed license amend to change steam generator tube plugging limit.
NEIGHBORS, J. D. Operating Reactors Branch 1. B4/10/31. VARQA, S. A. Operating Reactors Branch 1. 2pp. 27424:266. 24X Fiche: 50-003, B4/10/31, B411090080.

G. Inspection reports, IE Bulletins & correspondence

B410250031 IE Info Notice B4-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post B30103). B4/10/26. Consolidated Edison Co. of New York, Inc. B4pp. 27417:075. 24X Fiche: 50-000, B4/10/26, B410250031.

B411010388 IE Info Notice B4-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, B4/11/02, B411010388.

B411010487 IE Info Notice B4-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:139. 24X Fiche: 50-000, B4/11/05, B411010487.

B411060254 IE Info Notice B4-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, B4/11/08, B411060254.

B411150041 IE Info Notice B4-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, B4/11/16, B411150041.

B411150072 Suppl 1 to IE Info Notice B4-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/16. Consolidated Edison Co. of New York, Inc. 171pp. 27689:296. 24X Fiche: 50-000, B4/11/16, B411150072.

B411150054 IE Info Notice B4-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, B4/11/19, B411150054.

DOCKET 50-5 PENNSYLVANIA STATE UNIV. RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region 1.
MURLEY, T. E. Region 1, Office of Director. B4/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. BRONS, J. C. Power Authority of the State of New York. HARTER, E. S. Eastman Kodak Co. 36pp. 27605:338. 24X Fiche: 50-000, B4/11/02, B411210079.

G. Inspection reports, IE Bulletins & correspondence

B411130213 Forwards Exam Rept 50-005/B4-02 for exam administered on B40613.
GREENMAN, E. G. Region 1, Office of Director. B4/10/18. CUNNINGHAM, R. G. Pennsylvania State Univ., University Park, PA. 2pp. 27460:063. 24X Fiche: 50-005, B4/10/18, B411130213.

--B411130218 Exam Rept 50-005/B4-02 on B40613. Exam results: one candidate passed written & practical exams & was issued senior reactor operator license.
WHITAKER, L., KELLY, R. M. Region 1, Office of Director. B4/10/11. 22pp. 27460:065. 24X Fiche: 50-005, B4/10/18, B411130213.

V. Operator Examinations

B411130213 Forwards Exam Rept 50-005/B4-02 for exam administered on B40613.
GREENMAN, E. G. Region 1, Office of Director. B4/10/18. CUNNINGHAM, R. G. Pennsylvania State Univ., University Park, PA. 2pp. 27460:063. 24X Fiche: 50-005, B4/10/18, B411130213.

--B411130218 Exam Rept 50-005/B4-02 on B40613. Exam results: one candidate passed written & practical exams & was issued senior reactor operator license.
WHITAKER, L., KELLY, R. M. Region 1, Office of Director. B4/10/11. 22pp. 27460:065. 24X Fiche: 50-005, B4/10/18, B411130213.

DOCKET 50-10 DRESDEN NUCLEAR POWER STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

B411210059 Discusses enforcement conferences on B31220 & B40215 re violations that occurred on B31025 & B40114, respectively & forwards notice of violation & proposed imposition of civil penalty.
KEPPLER, J. G. Region 3, Office of Director. B4/05/08. O'CONNOR, J. J. Commonwealth Edison Co. 5pp. 27606:132. 24X Fiche: 50-010, B4/05/08, B411210059.

--B411210066 Notice of violation & proposed imposition of civil penalty in amount of \$40,000. Violation noted: no radiological training given to two contractor employees who entered restricted area.
KEPPLER, J. G. Region 3, Office of Director. B4/05/08. 3pp. 27606:137. 24X Fiche: 50-010, B4/05/08, B411210059.

--B411210073 Insp Repts 50-010/B4-03, 50-237/B4-04 & 50-249/B4-03 on B40123, 24, 27, 0203 & 06. Noncompliance noted: gate door leading into cleanup demineralizer valve gallery open & area unmanned. Details withheld (ref 10CFR73.21).
BELANGER, J. L., AXELSON, W. L. Region 3, Office of Director. B4/05/07. 2pp. 27606:131. 24X Fiche: 50-010, B4/05/08, B411210059.

B411010088 Revs to emergency plan implementing procedures including EPIP 400-3, "Communication Sys Operation," EPIP 100-C4, "Maint Director," EPIP 100-C1, "Station Director" & EPIP 100-1, "Supervision of Emergencies..." W/B41024 ltr.
SCOTT, D. J. Commonwealth Edison Co. B4/10/24. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 72pp. 27235:316. 24X Fiche: 50-010, B4/10/24, B411010088.

B411010363 Revised emergency plan implementing procedures including EPIP 100-C11 re environ director & EPIP 100-2 re shift turnover w/technical support ctr &/or environs teams activated. W/B41024 ltr.
SCOTT, D. J. Commonwealth Edison Co. B4/10/24. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 57pp. 27229:204. 24X Fiche: 50-010, B4/10/24, B411010363.

B411160334 Revised environ emergency plan implementing procedures including EG-1 re coordination of environ group activities & EG-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR.
THACKER, R. Commonwealth Edison Co. B4/10/31. 160pp. 27536:022. 24X Fiche: 50-000, B4/10/31, B411160334.

B411200205 Rev 3 to emergency plan annex.
* Commonwealth Edison Co. B4/11/30. 75pp. 27578:294. 24X Fiche: 50-010, B4/11/30, B411200205.

J. Insurance & indemnity information

B411070208 Forwards Endorsements 162 & 138 to NELIA & MAELU Policies NF-43 & MF-22, respectively.
OSTER, J. Commonwealth Edison Co. B4/11/02. SALTZMAN, J. Assistant Director for State & Licensee Relations. 3pp. 27353:181. 24X Fiche: 50-010, B4/11/02, B411070208.

G. Inspection reports, IE Bulletins & correspondence

B411210059 Discusses enforcement conferences on B31220 & B40215 re violations that occurred on B31025 & B40114, respectively & forwards notice of violation & proposed imposition of civil penalty.
KEPPLER, J. G. Region 3, Office of Director. B4/05/08. O'CONNOR, J. J. Commonwealth Edison Co. 5pp. 27606:132. 24X Fiche: 50-010, B4/05/08, B411210059.

--B411210066 Notice of violation & proposed imposition of civil penalty in amount of \$40,000. Violation noted: no radiological training given to two contractor employees who entered restricted area.
KEPPLER, J. G. Region 3, Office of Director. B4/05/08. 3pp. 27606:137. 24X Fiche: 50-010, B4/05/08, B411210059.

--B411210073 Insp Repts 50-010/B4-03, 50-237/B4-04 & 50-249/B4-03 on B40123, 24, 27, 0203 & 06. Noncompliance noted: gate door leading into cleanup demineralizer valve gallery open & area unmanned. Details withheld (ref 10CFR73.21).
BELANGER, J. L., MADEIRA, T. J., CREED, J. R. Region 3, Office of Director. B4/05/07. 2pp. 27606:131. 24X Fiche: 50-010, B4/05/08, B411210059.

DOCKETED ITEMS

9

8411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907. NORELIUS, C.E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 27458:325. 24X Fiche: 50-000, 84/10/16, 8411130238.

--8411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16... on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites. SUERMANN, J.F., WRIGHT, G.C. Region 3, Office of Director. 84/10/12. 5pp. 27458:328. 24X Fiche: 50-000, 84/10/16, 8411130238.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411060342 Ack receipt of 841019 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-010/84-11, 50-237/84-13 & 50-249/84-12. * Region 3, Office of Director. 84/10/30. Commonwealth Edison Co. 1p. 27321:122. 24X Fiche: 50-010, 84/10/30, 8411060342.

--8411060352 Responds to NRC 840920 ltr re violations noted in Insp Repts 50-010/84-11, 50-237/84-13 & 50-249/84-12. Corrective actions: annunciator alarm procedures for floor drain surge tank & sump high level alarms will be revised. FARRAR, D.L. Commonwealth Edison Co. 84/10/19. KEPPLER, J.G. Region 3, Office of Director. 7pp. 27321:123. 24X Fiche: 50-010, 84/10/30, 8411060342.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411290418 Forwards Insp Repts 50-010/84-15, 50-237/84-18 & 50-249/84-17 on 840912-1017 & notice of violation. SHAFER, W.D. Region 3, Office of Director. 84/11/06. REED, C. Commonwealth Edison Co. 2pp. 27721:202. 24X Fiche: 50-010, 84/11/06, 8411290418.

--8411290419 Notice of violation from insp on 840912-1017. SHAFER, W.D. Region 3, Office of Director. 84/11/06. 2pp. 27721:204. 24X Fiche: 50-010, 84/11/06, 8411290418.

--8411290421 Insp Repts 50-010/84-15, 50-237/84-18 & 50-249/84-17 on 840912-1017. Noncompliance noted: inadequate restoration instructions for missing battery rack end braces & discrepancy between flow rates in station procedures. CHRISSTIMOS, N. Region 3, Office of Director. 84/11/06. 15pp. 27721:206. 24X Fiche: 50-010, 84/11/06, 8411290418.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 171pp. 27689:296. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411060308 "Annual Operating Rept for 1982 & 1983." W/840801 ltr. SCOTT, D.J. Commonwealth Edison Co. 83/12/31. 46pp. 27351:001. 24X Fiche: 50-010, 83/12/31, 8411060308.

8411200018 Monthly operating repts for Oct 1984. W/841101 ltr. MAXWELL, D.C., SCOTT, D.J. Commonwealth Edison Co. 84/10/31. 18pp. 27985:244. 24X Fiche: 50-010, 84/10/31, 8411200018.

S. Reportable occurrences, LERs & related correspondence

8411010374 LER 84-002-00: on 840925, night foreman broke primary containment integrity by opening personnel access interlock doors. Caused by misinterpretation of night orders. Integrity reestablished. W/841017 ltr. MERRITT, S., SCOTT, D.J. Commonwealth Edison Co. 84/10/17. 3pp. 27245:288. 24X Fiche: 50-010, 84/10/17, 8411010374.

8411270387 PNO-III-84-100: on 841121 during routine search of employee entering security area, loaded revolver discovered in employee duffie bag. Licensee investigating incident. State of IL will be notified. CREED, J., AXELSON, W. Region 3, Office of Director. 84/11/21. 1p. 27628:294. 24X Fiche: 50-010, 84/11/21, 8411270387.

DOCKET 50-13 BABCOCK & WILCOX CO. CRITICAL FACILITY

F. Operating license stage documents & correspondence

8411200216 Forwards responses to 841012 questions re 840807 application for dismantlement & termination of CX-10 facility. OLSEN, A.F. Babcock & Wilcox Co. 84/11/15. Office of Nuclear Reactor Regulation, Director. 15pp. 27577:193. 24X Fiche: 50-013, 84/11/15, 8411200216.

DOCKET 50-20 MASSACHUSETTS INSTITUTE OF TECHNOLOGY RESEARCH REACTOR

G. Inspection reports, IE Bulletins & correspondence

8411270316 Forwards Exam Rept 50-020/84-03 of exam administered on 840807-08. STAROSTECKI, R. Division of Project & Resident Programs. 84/11/20. CLARK, L. Massachusetts Institute of Technology, Cambridge, MA. 2pp. 27630:317. 24X Fiche: 50-020, 84/11/20, 8411270316.

--8411270318 Exam Rept 50-020/84-03 on 840807-08. Exam results: all five candidates passed. DUDLEY, N.F., GRUNMAN, E.G. Region 1, Office of Director. 84/11/16. 7pp. 27630:319. 24X Fiche: 50-020, 84/11/20, 8411270316.

V. Operator Examinations

8411270316 Forwards Exam Rept 50-020/84-03 of exam administered on 840807-08. STAROSTECKI, R. Division of Project & Resident Programs. 84/11/20. CLARK, L. Massachusetts Institute of Technology, Cambridge, MA. 2pp. 27630:317. 24X Fiche: 50-020, 84/11/20, 8411270316.

--8411270318 Exam Rept 50-020/84-03 on 840807-08. Exam results: all five candidates passed. DUDLEY, N.F., GRUNMAN, E.G. Region 1, Office of Director. 84/11/16. 7pp. 27630:319. 24X Fiche: 50-020, 84/11/20, 8411270316.

DOCKET 50-27 WASHINGTON STATE UNIV. RESEARCH REACTOR

R. Periodic operating reports & related correspondence

8411010345 "Amend to Annual Rept on Operations of Washington State Univ TRIQA Reactor." for reporting period of Jul 1983 - June 1984. W/841025 ltr. WILSON, W.E. Washington State Univ., Pullman, WA. 84/06/30. 3pp. 27229:159. 24X Fiche: 50-027, 84/06/30, 8411010345.

DOCKETED ITEMS

DOCKET 50-29 YANKEE-ROWE NUCLEAR POWER STATION

F. Security, medical, emergency & fire protection plans

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecky at Region I.
MURLEY, T. E. Region I, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. KOBER, R. W. Rochester Gas & Electric Corp. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, B411210079.

B411140389 Revised emergency plan implementing procedures, including table of contents & Procedure OP-305. "Onsite Medical Emergencies."
MARKT, D. Yankee Atomic Electric Co. 84/11/09. 12pp. 27470:027. 24X Fiche: 50-029, 84/11/09, B411140389.

B411260373 Forwards draft Tech Specs re radiation monitoring instrumentation in response to Generic Ltr 83-37 for NUREG-0737 items, including RCS vents, post-accident sampling & control room habitability requirements.
KAY, J. A. Yankee Atomic Electric Co. 84/11/19. ZWOLINSKI, J. A. Operating Reactors Branch 5. 11pp. 27611:193. 24X Fiche: 50-029, 84/11/19, B411260373.

I. Financial information

B411290029 Advises that review of financial info submitted for 1984 completed. Info satisfies requirements of 10CFR140, Section 140.21 that licensee maintain approved guarantee of deferred premiums for each operating reactor over 100 MW(e).
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/20. SOUCY, A. R. Yankee Atomic Electric Co. 1p. 27700:305. 24X Fiche: 50-029, 84/11/20, B411290029.

P. Operating license stage documents & correspondence

B411010293 Forwards exemption from seismic & redundancy requirements of 10CFR50.44(c)(3)(ii) for hydrogen recombiner valve sys. in response to B40306 request.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/10/30. KAY, J. A. Yankee Atomic Electric Co. 3pp. 27231:338. 24X Fiche: 50-029, 84/10/30, B411010293.

---B411010298 Exemption from seismic & redundancy requirements of 10CFR50.44(c)(3)(ii) for hydrogen recombiner valve sys.
CRUTCHFIELD, D. Division of Licensing. 84/10/30. Yankee Atomic Electric Co. 5pp. 27231:341. 24X Fiche: 50-029, 84/10/30, B411010298.

B411060295 Submits addl info re updated surveillance data for Oct 1979 - Aug 1984 on diesel generator reliability per Generic Ltr 85-15.
KAY, J. A. Yankee Atomic Electric Co. 84/10/30. EISENHUT, D. G. Division of Licensing. 2pp. 27323:323. 24X Fiche: 50-029, 84/10/30, B411060295.

B411260288 Submits addl info re heavy loads evaluation. Detailed structural analysis performed on plate/barrel lifting device and plates summarized. Sketch of device encl.
KAY, J. A. Yankee Atomic Electric Co. 84/11/14. ZWOLINSKI, J. A. Operating Reactors Branch 5. 4pp. 27613:061. 24X Fiche: 50-029, 84/11/14, B411260288.

B411260197 Forwards safety evaluation accepting until B40928 proposed resolution of sump water chemistry issue in Section 4.21.1 of Integrated Plant Safety Assessment Rept (NUREG-0825).
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/19. KAY, J. A. Yankee Atomic Electric Co. 3pp. 27616:029. 24X Fiche: 50-029, 84/11/19, B411260197.

---B411260203 Safety evaluation accepting until B40928 proposed resolution of sump water chemistry issue in Section 4.21.1 of Integrated Plant Safety Assessment Rept (NUREG-0825).
* NRC - No Detailed Affiliation Given. 84/11/19. 2pp. 27616:032. 24X Fiche: 50-029, 84/11/19, B411260197.

B411260373 Forwards draft Tech Specs re radiation monitoring instrumentation in response to Generic Ltr 83-37 for NUREG-0737 items, including RCS vents, post-accident sampling & control room habitability requirements.
KAY, J. A. Yankee Atomic Electric Co. 84/11/19. ZWOLINSKI, J. A. Operating Reactors Branch 5. 11pp. 27611:193. 24X Fiche: 50-029, 84/11/19, B411260373.

G. Inspection reports, IE Bulletins & correspondence

B411030113 Forwards Exam Rept 50-029/84-10 of operating licensing exams conducted wk of B40619.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/02. HEIDER, L. H. Yankee Atomic Electric Co. 2pp. 27287:001. 24X Fiche: 50-029, 84/10/02, B411030113.

---B411030122 Exam Rept 50-029/84-10 conducted during wk of B40618-20. Exam results: both candidates passed.
WHITAKER, L. Region I, Office of Director. 84/09/19. 5pp. 27287:003. 24X Fiche: 50-029, 84/10/02, B411030113.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, B410250031.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, B411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, B411010487.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, B411060254.

B411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, B411150041.

B411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, B411150072.

B411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, B411150054.

R. Periodic operating reports & related correspondence

B411140592 Monthly operating rept for Sept 1984, W/B41010 ltr.
WHIPPLE, S., HEIDER, L. H. Yankee Atomic Electric Co. 84/09/30. 6pp. 27495:083. 24X Fiche: 50-029, 84/09/30, B411140592.

S. Reportable occurrences, LERs & related correspondence

B411060576 Forwards LER 84-016-00.
ST LAURENT, N. N. Yankee Atomic Electric Co. 84/10/15. MURLEY, T. E. Region I, Office of Director. 1p. 27350:190. 24X Fiche: 50-029, 84/10/15, B411060576.

B411130174 LER 84-001-01: on B40124, occasional drip of borated water from insulation on main coolant sys loop 1 water box vent line discovered. Caused by stress corrosion cracking due to cold bending w/o softening & abrasions. W/B41031 ltr.
ELLIS, D. W., ST LAURENT, N. N. Yankee Atomic Electric Co. 84/10/31. 4pp. 27460:097. 24X Fiche: 50-029, 84/10/31, B411130174.

B411210485 Forwards LER 84-001-01.
ST LAURENT, N. N. Yankee Atomic Electric Co. 84/10/31. MURLEY, T. E. Region I, Office of Director. 1p. 27607:077. 24X Fiche: 50-029, 84/10/31, B411210485.

B411190118 LER 84-012-01: on B40712, automatic reactor scram occurred followed by turbine trip. Cause indeterminable. Operators promptly & correctly mitigated effects of scram. No further actions necessary. W/B41109 ltr.
MAY, E. L., ST LAURENT, N. N. Yankee Atomic Electric Co. 84/11/09. 2pp. 27567:347. 24X Fiche: 50-029, 84/11/09, B411190118.

DOCKETED ITEMS

11

8411290460 Forwards LER 84-012-01.
ST LAURENT, N.N. Yankee Atomic Electric Co. 84/11/09. MURLEY, T.E.
Region 1, Office of Director. 1p. 27721:251. 24X
Fiche: 50-029, 84/11/09, 8411290460.

8411190367 PND-I-84-097: on 841112, plant manually scrambled due to
excessive arcing in main generator exciter. Westinghouse
notified & will be onsite 841113 to initiate repairs &
determine cause of exciter assembly failure.
FERLIC, K., ELSASSER, T. Region 1, Office of Director. 84/11/13. 1p.
27553:361. 24X Fiche: 50-029, 84/11/13, 8411190367.

V. Operator Examinations

8411030113 Forwards Exam Rept 50-029/84-10 of operating licensing
exams conducted wk of 840619.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/02.
HEIDER, L.H. Yankee Atomic Electric Co. 2pp. 27287:001. 24X
Fiche: 50-029, 84/10/02, 8411030113.

--8411030122 Exam Rept 50-029/84-10 conducted during wk of 840618-20.
Exam results: both candidates passed.
WHITAKER, L. Region 1, Office of Director. 84/09/19. 5pp.
27287:003. 24X Fiche: 50-029, 84/10/02, 8411030113.

DOCKET 50-30 PLUM BROOK RESEARCH REACTOR FACILITY

F. Security, medical, emergency & fire protection plans

841130644 Forwards Insp Repts 50-030/84-01 & 50-185/84-01 on 841004.
No noncompliance noted.
GREGOR, L.R. Region 3, Office of Director. 84/10/22. BOITEL, E.C.
National Aeronautics & Space Admin. 2pp. 27461:145. 24X
Fiche: 50-030, 84/10/22, 841130644.

--841130656 Insp Repts 50-030/84-01 & 50-185/84-01 on 841004. No
noncompliance noted. Major areas inspected: radiological
protection, including reactor facility dismantling status,
organization, sys & components condition & security.
GRANT, W.B., MILLER, D.E. Region 3, Office of Director. 84/10/22.
4pp. 27461:147. 24X Fiche: 50-030, 84/10/22, 841130644.

P. Operating license stage documents & correspondence

8411020218 Informs of delay in dismantling reactors due to funding
constraints. Action requesting NRC reinstate licenses to
possess but not use status initiated.
RICHELVEY, E.A. National Aeronautics & Space Admin. 84/10/29.
THOMAS, C.O. Standardization & Special Projects Branch. 2pp.
27255:069. 24X Fiche: 50-030, 84/10/29, 8411020218.

G. Inspection reports, IE Bulletins & correspondence

841130644 Forwards Insp Repts 50-030/84-01 & 50-185/84-01 on 841004.
No noncompliance noted.
GREGOR, L.R. Region 3, Office of Director. 84/10/22. BOITEL, E.C.
National Aeronautics & Space Admin. 2pp. 27461:145. 24X
Fiche: 50-030, 84/10/22, 841130644.

--841130656 Insp Repts 50-030/84-01 & 50-185/84-01 on 841004. No
noncompliance noted. Major areas inspected: radiological
protection, including reactor facility dismantling status,
organization, sys & components condition & security.
GRANT, W.B., MILLER, D.E. Region 3, Office of Director. 84/10/22.
4pp. 27461:147. 24X Fiche: 50-030, 84/10/22, 841130644.

DOCKET 50-32 AEROJET GENERAL NUCLEONICS

J. Insurance & indemnity information

8411290172 Advises that Endorsements 90 & 100 to nuclear liability
insurance policy Agreement B-2 not received. Endorsements
requested.
DINITZ, I. Office of State Programs, Director. 84/11/23.
NEWACHECK, R.L. Aerotest Operations, Inc. 1p. 27696:161. 24X
Fiche: 50-000, 84/11/23, 8411290172.

DOCKET 50-33 AEROJET GENERAL NUCLEONICS

J. Insurance & indemnity information

8411290172 Advises that Endorsements 90 & 100 to nuclear liability
insurance policy Agreement B-2 not received. Endorsements
requested.
DINITZ, I. Office of State Programs, Director. 84/11/23.
NEWACHECK, R.L. Aerotest Operations, Inc. 1p. 27696:161. 24X
Fiche: 50-000, 84/11/23, 8411290172.

DOCKET 50-54 UNION CARBIDE RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

8411210079 Requests that repts required by 10CFR73.71 re unaccounted
for shipments, suspected thefts, unlawful diversion &
radiological sabotage be transmitted to RW Starosteckii at
Region I.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R.
Pennsylvania State Univ., University Park, PA. MCGOVERN, J.J. Union
Carbide Corp. CARTER, R.S. Commerce, Dept. of, National Bureau of
Standards. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

P. Operating license stage documents & correspondence

841140398 Forwards corrections & clarifications to Tech Specs in
renewed License R-81 re terminology concerning safety limits
operational setpoints. Add'l fee should not be required due
to listed reasons.
RUZICKA, W.G. Union Carbide Corp. 84/11/06. Division of
Licensing. 2pp. 27470:042. 24X Fiche: 50-054, 84/11/06, 841140398.

DOCKET 50-57 STATE UNIV. OF NEW YORK RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

8411210079 Requests that repts required by 10CFR73.71 re unaccounted
for shipments, suspected thefts, unlawful diversion &
radiological sabotage be transmitted to RW Starosteckii at
Region I.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R.
Pennsylvania State Univ., University Park, PA. COUNSIL, W.G.
Connecticut Yankee Atomic Power Co. LAHEY, R.T. Rensselaer
Polytechnic Institute, Troy, NY. 36pp. 27605:338. 24X
Fiche: 50-000, 84/11/02, 8411210079.

G. Inspection reports, IE Bulletins & correspondence

841130601 Forwards Insp Rept 50-057/84-03 on 840913-14 & notice of
violation.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/17.
RENNIE, D.W. New York, State Univ. of, Buffalo, NY. 2pp.
27461:329. 24X Fiche: 50-057, 84/10/17, 841130601.

--841130608 Notice of violation from insp on 840913-14.
* Region 1, Office of Director. 84/10/17. 1p. 27461:331. 24X
Fiche: 50-057, 84/10/17, 841130601.

--841130615 Insp Rept 50-057/84-03 on 840913-14. Violation noted: failure
to ensure double encapsulation of sample which could cause
production of airborne radioactivity.
BICEHOUSE, H.J., SHANBAKY, M.M. Region 1, Office of Director.
84/10/10. 7pp. 27461:332. 24X Fiche: 50-057, 84/10/17, 841130601.

DOCKET 50-62 UNIV. OF VIRGINIA RESEARCH REACTOR

P. Operating license stage documents & correspondence

841140564 Confirms 841022 enforcement conference at facility to
discuss concerns re radiation protection & transportation
of radioactive matls. per 841011 telcon.
O'REILLY, J.P. Region 2, Office of Director. 84/10/18. MULDER, R.U.
Virginia, Univ. of, Charlottesville, VA. 2pp. 27495:140. 24X
Fiche: 50-062, 84/10/18, 841140564.

B. Reportable occurrences, LERs & related correspondence

841160209 RD: on 841002, high radiation hot spot discovered at ground
level along outside wall of reactor room. Caused by
experiment. Personnel removed radiation source & relocated
shield cask. Program revised.
MULDER, R.U., COPCUTT, B.G. Virginia, Univ. of, Charlottesville, VA.
84/11/01. O'REILLY, J.P. Region 2, Office of Director. 7pp.
27546:022. 24X Fiche: 50-062, 84/11/01, 841160209.

DOCKET 50-70 GENERAL ELECTRIC TEST REACTOR

F. Security, medical, emergency & fire protection plans

841130386 Forwards revised pages to radiological emergency plan,
reflecting minor changes in organization clarification of
designation of emergency operations coordinator &
consolidation of communications at central alarm station.
CUNNINGHAM, G.E. General Electric Co. 84/11/06. Record Services
Branch (Document Control Desk). 12pp. 27439:001. 24X
Fiche: 50-070, 84/11/06, 841130386.

DOCKETED ITEMS

G. Adjudicatory correspondence

- B411270322 Response to ASLB 840820 order to address factors of non-timely petition to intervene.
BARLOW, G. Public Interest Research Group, California. #484 287.
84/09/07. Atomic Safety and Licensing Board Panel. 12pp.
27630:177. 24X Fiche: 50-070, 84/09/07, 8411270322.
- B411270325 Response to applicant collateral estoppel arguments.
Certificate of Svc encl.
BARLOW, G. Public Interest Research Group, California. #484 287.
84/11/01. Atomic Safety and Licensing Board Panel. 16pp.
27630:189. 24X Fiche: 50-070, 84/09/07, 8411270322.
- B411060320 Petitioner/Intervenor response to ASLB 840820 order re collateral estoppel. Requests ASLB create situation within which presentation of documents furthers opinions of experts. Certificate of Svc encl.
TURK, J. Turk, J. #484 899. 84/11/01. 5pp. 27321:138. 24X Fiche: 50-070, 84/11/01, 8411060320.
- B411060437 Responds to applicant collateral estoppel arguments based on required exam of substantive issues not yet explained by parties & significant controversies within show cause record. Certificate of Svc encl.
* Public Interest Research Group, California. #484 946. 84/11/01. 16pp. 27319:261. 24X Fiche: 50-070, 84/11/01, 8411060437.
- B411140250 Order directing that both intervenor 840907 response to ASLB 840820 orders & B41101 response to applicant collateral estoppel arguments be signed as required by 10CFR2.708(c) within 5 days of svc of order. Served on 841113.
FRYE, J. H. Atomic Safety and Licensing Board Panel. #484 107.
84/11/13. Public Interest Research Group, California. 1p.
27469:322. 24X Fiche: 50-070, 84/11/13, 8411140250.
- B411270206 Urges NRC to analyze critical issues of seismology, emergency evacuation procedures & limitations & potential health effects of serious accidents of plant due to observation of complex & active earthquake fault sys. Served on 841120.
JOBEL, C., BEGGS, L., POSAVATZ, T. California. Univ. of, Santa Cruz, CA. #484 245. 84/11/14. FRYE, J. H. Atomic Safety and Licensing Board Panel. 2pp. 27629:100. 24X Fiche: 50-070, 84/11/14, 8411270206.
- B411200251 Statement of matl facts as to which there is no genuine issue. Certificate of Svc encl.
TURK, S. E. Hearing Branch 3. #484 226. 84/11/16. 10pp. 27576:353. 24X Fiche: 50-070, 84/11/16, 8411200251.
- B411200270 Joint rept of licensee, J Turk & NRC discussions & attempts to narrow &/or resolve remaining contentions, per ASLB 840820 order. ASLB should stay any ruling on Turk contentions. Certificate of Svc encl.
EDGAR, G. L. General Electric Co. EDGAR, G. L. Newman & Holtzinger. #484 231. 84/11/19. 5pp. 27576:342. 24X Fiche: 50-070, 84/11/19, 8411200270.

DOCKET 50-73 GENERAL ELECTRIC NUCLEAR TEST REACTOR

F. Security, medical, emergency & fire protection plans

- B411130386 Forwards revised pages to radiological emergency plan, reflecting minor changes in organization clarification of designation of emergency operations coordinator & consolidation of communications at central alarm station.
CUNNINGHAM, G. E. General Electric Co. 84/11/06. Record Services Branch (Document Control Desk). 12pp. 27439:001. 24X Fiche: 50-070, 84/11/06, 8411130386.

P. Operating license stage documents & correspondence

- B411140281 Application to amend License R-33, revising Tech Specs.
CUNNINGHAM, G. E. General Electric Co. 84/11/08. THOMAS, C. O. Standardization & Special Projects Branch. 6pp. 27468:167. 24X Fiche: 50-073, 84/11/08, 8411140281.

- B411140293 Revised proposed Tech Specs for renewal of QETR, License R-33.
* General Electric Co. NEDO-12725A R01. 84/10/31. 61pp. 27468:173. 24X Fiche: 50-073, 84/11/08, 8411140281.

DOCKET 50-77 CATHOLIC UNIV. OF AMERICA RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

- B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region I.
MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. KELNHOFER, W. Catholic Univ. of America, Washington, DC. ADCOCK, B. R. Defense, Dept. of Defense Nuclear Agency. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

DOCKET 50-87 WESTINGHOUSE CRITICAL EXPERIMENT

F. Security, medical, emergency & fire protection plans

- B411090216 Advises that B41002 rev to "Westinghouse Nuclear Training Ctr. Nuclear Training Reactor Security Plan," consistent w/ provisions of 10CFR50.54(p) & acceptable.
AXELSON, W. L. Region 3, Office of Director. 84/10/18. NARDI, A. J. Westinghouse Electric Corp. 2pp. 27417:008. 24X Fiche: 50-087, 84/10/18, 8411090216.

P. Operating license stage documents & correspondence

- B411070052 Application for renewal of License R-119, revising Tech Specs, including channel calibr, check & test, excess reactivity, experiment, operable, reactor safety sys & safety limits.
NARDI, A. J. Westinghouse Electric Corp. 84/10/29. THOMAS, C. O. Standardization & Special Projects Branch. 1p. 27355:219. 24X Fiche: 50-087, 84/10/29, 8411070052.

- B411070058 Revised Tech Specs supporting renewal of License R-119.
* Westinghouse Electric Corp. 84/10/29. 36pp. 27355:220. 24X Fiche: 50-087, 84/10/29, 8411070052.

- B411190364 Application for renewal of License R-119, revising Tech Specs, including safety limit, reactor parameter & reactor control & safety, previously submitted by 841029 ltr.
NARDI, A. J. Westinghouse Electric Corp. 84/11/15. THOMAS, C. O. Standardization & Special Projects Branch. 1p. 27554:043. 24X Fiche: 50-087, 84/11/15, 8411190364.

- B411190370 Proposed revs to Tech Specs, including safety limit, reactor control & safety & reactor parameters, to reflect editorial changes.
* Westinghouse Electric Corp. 84/11/15. 8pp. 27554:044. 24X Fiche: 50-087, 84/11/15, 8411190364.

DOCKET 50-88 AEROJET GENERAL NUCLEONICS

J. Insurance & indemnity information

- B411290172 Advises that Endorsements 90 & 100 to nuclear liability insurance policy Agreement B-2 not received. Endorsements requested.
DINITZ, I. Office of State Programs, Director. 84/11/23. NEWACHECK, R. L. Aerotest Operations, Inc. 1p. 27696:161. 24X Fiche: 50-000, 84/11/23, 8411290172.

DOCKET 50-89 GENERAL ATOMIC CO.

F. Security, medical, emergency & fire protection plans

- B411200224 Forwards Insp Repts 50-089/84-01 & 50-163/84-01 on 840924-28. No noncompliance noted.
WENBLAWSKI, F. A. Region 5, Office of Director. 84/10/30. COLANDREA, T. GA Technologies, Inc./General Atomic Co. 1p. 27585:049. 24X Fiche: 50-089, 84/10/30, 8411200224.

- B411200233 Insp Repts 50-089/84-01 & 50-163/84-01 on 840924-28. No violations or deviations noted. Major areas inspected: reactor operations & associated radiation protection & environ & emergency preparedness plans.
CILLIS, M., YUHAS, G. P. Region 5, Office of Director. 84/10/30. 17pp. 27585:050. 24X Fiche: 50-089, 84/10/30, 8411200224.

DOCKETED ITEMS

13

G. Inspection reports, IE Bulletins & correspondence

B411200224 Forwards Insp Repts 50-089/84-01 & 50-163/84-01 on 840924-28. No noncompliance noted.
WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/30.
COLANDREA, T. GA Technologies, Inc./General Atomic Co. 1p.
27585:049. 24X Fiche:50-089,84/10/30,8411200224.

--B411200233 Insp Repts 50-089/84-01 & 50-163/84-01 on 840924-28. No violations or deviations noted. Major areas inspected: reactor operations & associated radiation protection & environ & emergency preparedness plans.
CILLIS, M., YUHAS, G.P. Region 5, Office of Director. 84/10/30.
17pp. 27585:050. 24X Fiche:50-089,84/10/30,8411200224.

DOCKET 50-97 CORNELL UNIV. ZERO POWER REACTOR

F. Security, medical, emergency & fire protection plans

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RM Starosteki at Region I.
MURLEY, T.E. Region I, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. BOWMAKER, N.J. Baltimore Gas & Electric Co. KERR, F. Maryland, Univ. of, College Park, MD. 36pp. 27605:338. 24X Fiche:50-000,84/11/02,8411210079.

DOCKET 50-99 BABCOCK & WILCOX TEST REACTOR

V. Operator Examinations

B411010069 Advises that written & simulator instructor certification exams for operators & senior operators will be scheduled for wk of 841112. Util should provide matls listed in encl by 841101.
GIBSON, A.F. Region 2, Office of Director. 84/09/24. ALTO, R.A. Babcock & Wilcox Co. 4pp. 27249:146. 24X Fiche:50-099,84/09/24,8411010069.

DOCKET 50-103 AERQJET GENERAL NUCLEONICS

J. Insurance & indemnity information

B411290172 Advises that Endorsements 90 & 100 to nuclear liability insurance policy Agreement B-2 not received. Endorsements requested.
DINITZ, I. Office of State Programs, Director. 84/11/23.
NEWACHECK, R.L. Aerotest Operations, Inc. 1p. 27696:161. 24X Fiche:50-000,84/11/23,8411290172.

DOCKET 50-112 UNIV. OF OKLAHOMA RESEARCH REACTOR

R. Periodic operating reports & related correspondence

B41120147 Annual rept for License R-53 for Jul 1983 - June 1984.
TERRELL, C.W. Oklahoma Teaching Hosp., Oklahoma City, OK. 84/07/30.
Region 4, Office of Director. 4pp. 27436:188. 24X Fiche:50-112,84/07/30,841120147.

DOCKET 50-113 UNIV. OF ARIZONA RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

B411270427 Forwards Rev 1 to physical security plan, per 10CFR50.54(p), Generic Ltr 84-18 & 840404 comments & questions. Rev withheld (ref 10CFR73.21).
NELSON, G.W. Arizona, Univ. of, Tucson, AZ. 84/11/21. THOMAS, C.D. Standardization & Special Projects Branch. 1p. 27628:191. 24X Fiche:50-113,84/11/21,8411270427.

--B411270430 Forwards Rev 1 to physical security plan, per 10CFR50.54(p), Generic Ltr 84-18 & C Thomas 840404 comments & questions. Rev withheld (ref 10CFR73.21).
NELSON, G.W. Arizona, Univ. of, Tucson, AZ. 84/11/20. Region 5, Office of Director. 1p. 27628:192. 24X Fiche:50-113,84/11/21,8411270427.

G. Inspection reports, IE Bulletins & correspondence

B411080074 Forwards Exam Rept 50-113/DL-84-01 administered on 840918. Exam results: one candidate passed & one failed reactor operator exam.
SMITH, J.D., PATE, R.J. Region 5, Office of Director. 84/11/05. 89pp. 27393:041. 24X Fiche:50-113,84/11/05,8411080074.

--B411080079 Exam Rept 50-113/DL-84-01 administered on 840918. Exam results: one candidate passed & one failed reactor operator exam.
SMITH, J.D., PATE, R.J. Region 5, Office of Director. 84/11/05. 89pp. 27393:041. 24X Fiche:50-113,84/11/05,8411080074.

V. Operator Examinations

B411080074 Forwards Exam Rept 50-113/DL-84-01 administered on 840918. PATE, R.J. Region 5, Office of Director. 84/11/05. NELSON, G.W. Arizona, Univ. of, Tucson, AZ. 1p. 27393:040. 24X Fiche:50-113,84/11/05,8411080074.

--B411080079 Exam Rept 50-113/DL-84-01 administered on 840918. Exam results: one candidate passed & one failed reactor operator exam.
SMITH, J.D., PATE, R.J. Region 5, Office of Director. 84/11/05. 89pp. 27393:041. 24X Fiche:50-113,84/11/05,8411080074.

DOCKET 50-123 UNIV. OF MISSOURI RESEARCH REACTOR

P. Operating license stage documents & correspondence

B411060435 Forwards revised draft sections of technical evaluation rept. incorporating licensee responses to formal questions. Rough working papers meant for use in consideration of proposed license renewal.
LINDER, C.A. Los Alamos Scientific Laboratory. 84/11/02.
THOMAS, C.D. Standardization & Special Projects Branch. 56pp. 27317:044. 24X Fiche:50-123,84/11/02,8411060435.

DOCKET 50-124 VIRGINIA POLYTECHNIC INSTITUTE TRAINING REACTOR

P. Operating license stage documents & correspondence

B411020209 Application for possession only amend to License R-62, effective until 1990.
KRAUSE, D.R., FURR, A.K., VAN DRESSER, W. Virginia Polytechnic Institute & State Univ., Blacksburg, VA. 84/10/22. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27260:114. 24X Fiche:50-124,84/10/22,8411020209.

B411050334 Requests that all prior license amend requests be rescinded & that license renewal documentation be held for future use until possession only license expires.
KRAUSE, D.R., KEITH, A.K., VAN DRESSER, W. Virginia Polytechnic Institute & State Univ., Blacksburg, VA. 84/10/24. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27300:345. 24X Fiche:50-124,84/10/24,8411050334.

DOCKET 50-133 HUMBOLDT BAY POWER PLANT, UNIT 3

G. Adjudicatory correspondence

B411200191 Forwards FR notice re environ matters associated w/util 840730 plan to decommission plant. Notice indicates availability of licensee environ rept & NRC intent to prepare EIS. Related correspondence.
YOUNG, M.A. Hearing Branch 4. #484 229. 84/11/16. LAZO, R.M., SCHINK, D.R., LINENBERGER, G. Atomic Safety and Licensing Board Panel. 2pp. 27577:006. 24X Fiche:50-133,84/11/16,8411200191.

P. Operating license stage documents & correspondence

B411050063 Forwards FR notice of availability of licensee environ rept & notice of intent by NRC to prepare EIS re decommissioning.
PAULSON, W.A. Operating Reactors Branch 5. 84/10/26. SCHUYLER, J.O. Pacific Gas & Electric Co. 2pp. 27310:360. 24X Fiche:50-133,84/10/26,8411050063.

--B411050066 Notice of availability of licensee environ rept & notice of intent by NRC to prepare EIS re decommissioning.
EISENHUT, D.O. Division of Licensing. 84/10/26. 2pp. 27310:362. 24X Fiche:50-133,84/10/26,8411050063.

B411190055 Requests affidavit that distribution of 840730 application for decommissioning & environ rept made per 10CFR2.101 & distribution list.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/09. SHIFFER, J.D. Pacific Gas & Electric Co. 5pp. 27583:075. 24X Fiche:50-133,84/11/09,8411190055.

B411290110 Informs of 841204 open meeting in Eureka, CA to discuss environ areas of concern re decommissioning. Notice of public meeting encl.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/19. California, State of. 3pp. 27701:059. 24X Fiche:50-133,84/11/19,8411290110.

DOCKETED ITEMS

G. Inspection reports, IE Bulletins & correspondence

B410250031 IE Info Notice B4-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post B30103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche:50-000,84/10/26,8410250031.

B411010388 IE Info Notice B4-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche:50-000,84/11/02,8411010388.

B411010487 IE Info Notice B4-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche:50-000,84/11/05,8411010487.

B411060254 IE Info Notice B4-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27447:206. 24X Fiche:50-000,84/11/08,8411060254.

B411150041 IE Info Notice B4-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche:50-000,84/11/16,8411150041.

B411150072 Suppl 1 to IE Info Notice B4-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche:50-000,84/11/16,8411150072.

B411150054 IE Info Notice B4-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche:50-000,84/11/19,8411150054.

R. Periodic operating reports & related correspondence

B411130607 Monthly operating rept for Sept 1984.W/841004 ltr.
DERKS, P.S., WEEKS, E.D. Pacific Gas & Electric Co. 84/09/30. 5pp. 27461:355. 24X Fiche:50-133,84/09/30,8411130607.

DOCKET 50-134 WORCESTER POLYTECHNIC INSTITUTE RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region I.
MURLEY, T.E. Region I, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. WILBUR, L.C. Worcester Polytechnic Institute, Worcester, MA. DIMEGLIO, A.F. Rhode Island, State of. 36pp. 27605:338. 24X Fiche:50-000,84/11/02,8411210079.

DOCKET 50-139 UNIV. OF WASHINGTON RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

B411140341 Informs of implementation of emergency plan w/exception of VCR tape being made to familiarize univ police w/facility, per CO Thomas B40703 ltr.VCR taping scheduled for 841109.
ROBKIN, M.A. Washington, Univ. of, Seattle, WA. 84/11/07. THOMAS, C.D. Standardization & Special Projects Branch. 1p. 27469:133. 24X Fiche:50-139,84/11/07,8411140341.

B411270388 Forwards response to 841017 ltr re physical security plan. Response withheld (ref 10CFR2,790).
ROBKIN, M.A. Washington, Univ. of, Seattle, WA. 84/11/21. THOMAS, C.D. Standardization & Special Projects Branch. 1p. 27628:252. 24X Fiche:50-139,84/11/21,8411270388.

DOCKET 50-142 UCLA TRAINING REACTOR

F. Security, medical, emergency & fire protection plans

B411020210 Forwards Amend B to physical security plan. Amend withheld (ref 10CFR2,790(d)).
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/10/18. THOMAS, C.D. Standardization & Special Projects Branch. 1p. 27260:116. 24X Fiche:50-142,84/10/18,8411020210.

B411210245 Forwards changes to security plan. Changes withheld (ref 10CFR2,790).
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/11/13. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27590:057. 24X Fiche:50-142,84/11/13,8411210245.

G. Adjudicatory correspondence

B411060432 Petition of Committee to Bridge the Gap for leave to intervene & request for hearing re proposed issuance of orders authorizing disposition of component parts & termination of License R-71. Certificate of Svc encl.
HIRSCH, D. Committee to Bridge the Gap. 84/10/24. Commissioners. 4pp. 27315:342. 24X Fiche:50-142,84/10/24,8411060432.

B411010318 Responds to Oct 1984 telcon inquiry re conditions of withdrawal of UCLA application for license renewal. NRC staff not willing to negotiate for withdrawal w/Committee to Bridge the Gap in absence of UCLA.
WOODHEAD, C.P. Hearing Branch 4. #484 837. 84/10/26. HIRSCH, D. Affiliation Not Assigned. 2pp. 27231:361. 24X Fiche:50-142,84/10/26,8411010318.

B411050462 Ack receipt of 841026 ltr re establishment of conference call on 841112. Central dispute over opposition to UCLA motion for immediate withdrawal of renewal application. Related correspondence.
HIRSCH, D. Committee to Bridge the Gap. #484 885. 84/10/31. WOODHEAD, C.P. Hearing Branch 4. 2pp. 27297:254. 24X Fiche:50-142,84/10/31,8411050462.

B411050466 Discusses recently obtained correspondence between UCLA & DOE re final disposition of remaining high enriched U at facility. Related correspondence.
HIRSCH, D. Committee to Bridge the Gap. #484 884. 84/10/31. FRYE, J.H., LUEBKE, E., BRIGHT, G.O. Atomic Safety and Licensing Board Panel. 2pp. 27297:322. 24X Fiche:50-142,84/10/31,8411050466.

B411060230 Informs that conditions for withdrawal of license renewal application unchanged. Use of suitable shipping casks secured & arrangements made to ship remaining nuclear fuel.
CORMIER, W.H. California, Univ. of, Los Angeles, CA. #484 904. 84/10/31. FRYE, J.H., BRIGHT, G.O., LUEBKE, E.A. Atomic Safety and Licensing Board Panel. 2pp. 27324:056. 24X Fiche:50-142,84/10/31,8411060230.

B411060446 Notice of ASLB constitution. JH Frye, chairman & GO Bright & EA Luebie, members. Served on 841105.
LAZO, R.M. Atomic Safety and Licensing Board Panel. #484 940. 84/11/02. 2pp. 27315:361. 24X Fiche:50-142,84/11/02,8411060446.

B411150260 Forwards univ answer to Committee to Bridge the Gap 841024 petition for hearing & leave to intervene. Placement of names of univ attys on svc list requested.
CORMIER, W.H. California, Univ. of, Los Angeles, CA. #484 146. 84/11/13. FRYE, J.H., BRIGHT, G.O., LUEBKE, E.A. Atomic Safety and Licensing Board Panel. 1p. 27528:086. 24X Fiche:50-142,84/11/13,8411150260.

B411150263 Answer opposing Committee to Bridge the Gap 841024 petition for hearing & leave to intervene. Petition fails to satisfy requirements & no good cause exists for deferment of ruling on petition. Certificate of Svc encl.
CORMIER, W.H. California, Univ. of, Los Angeles, CA. 84/11/13. Atomic Safety and Licensing Board Panel. 10pp. 27528:087. 24X Fiche:50-142,84/11/13,8411150260.

B411150292 Response to Committee to Bridge the Gap 841024 petition to intervene. Petition should be amended to show standing per 10CFR2,714. ASLB should rule on Committee to Bridge the Gap standing to intervene. Certificate of Svc encl.
WOODHEAD, C.P. Hearing Branch 4. #484 127. 84/11/13. Atomic Safety and Licensing Board Panel. 8pp. 27528:113. 24X Fiche:50-142,84/11/13,8411150292.

DOCKETED ITEMS

15

DOCKET 50-150 OHIO STATE UNIV. RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

8411060240 Forwards Safeguards Insp Repts 50-150/84-03, 70-0801/84-01 & 70-3005/84-01 on 841010-12. No noncompliance noted. AXELSON, W.L. Region 3, Office of Director. 84/10/31. ST PIERRE, R.L. Ohio State Univ., Columbus, OH. 2pp. 27324:143. 24X Fiche: 50-150, 84/10/31, 8411060240.

--8411060279 Safeguards Insp Repts 50-150/84-03, 70-0801/84-01 & 70-3005/84-01 on 841010-12. No noncompliance noted. Major areas inspected: nuclear matl control & accountability. Details withheld (ref 10CFR2.790). MADEDA, T.J. Region 3, Office of Director. 84/10/31. 1p. 27324:145. 24X Fiche: 50-150, 84/10/31, 8411060240.

H. General correspondence

8411050112 Informs that author is designated point of contact between NRC & Ohio State Univ nuclear reactor lab. REDMOND, R.F. Ohio State Univ., Columbus, OH. 84/10/29. THOMAS, C.D. Standardization & Special Projects Branch. 1p. 27302:361. 24X Fiche: 50-150, 84/10/29, 8411050112.

G. Inspection reports, IE Bulletins & correspondence

8411060240 Forwards Safeguards Insp Repts 50-150/84-03, 70-0801/84-01 & 70-3005/84-01 on 841010-12. No noncompliance noted. AXELSON, W.L. Region 3, Office of Director. 84/10/31. ST PIERRE, R.L. Ohio State Univ., Columbus, OH. 2pp. 27324:143. 24X Fiche: 50-150, 84/10/31, 8411060240.

--8411060279 Safeguards Insp Repts 50-150/84-03, 70-0801/84-01 & 70-3005/84-01 on 841010-12. No noncompliance noted. Major areas inspected: nuclear matl control & accountability. Details withheld (ref 10CFR2.790). MADEDA, T.J., CREED, J.R. Region 3, Office of Director. 84/10/31. 1p. 27324:145. 24X Fiche: 50-150, 84/10/31, 8411060240.

DOCKET 50-151 UNIV. OF ILLINOIS RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

8411280384 Forwards "Emergency Plan Evaluation Rept. Univ of Illinois." Plan acceptable. Implementation of emergency plan & notification within 120 days of ltr date required. THOMAS, C.D. Standardization & Special Projects Branch. 84/11/16. MILEY, G.H. Illinois, Univ. of, Urbana, IL. 3pp. 27683:325. 24X Fiche: 50-151, 84/11/16, 8411280384.

--8411280387 "Emergency Plan Evaluation Rept. Univ of Illinois." * NRC - No Detailed Affiliation Given. 84/11/16. 3pp. 27683:328. 24X Fiche: 50-151, 84/11/16, 8411280384.

DOCKET 50-155 BIG ROCK POINT NUCLEAR PLANT

F. Security, medical, emergency & fire protection plans

8411080335 Forwards application for amend to License DPR-6, revising Tech Specs re calibr frequency of dose-rate measuring instruments, renumbering of motor operated valve & inclusion of reload H4 fuel. VANDEWALLE, D.J. Consumers Power Co. 84/11/01. Office of Nuclear Reactor Regulation, Director. 1p. 27390:051. 24X Fiche: 50-155, 84/11/01, 8411080335.

--8411080343 Application for amend to License DPR-6, revising Tech Specs re calibr frequency of dose-rate measuring instruments, renumbering of motor operated valve & inclusion of reload H4 fuel. Fee paid. DEWITT, R.B. Consumers Power Co. 84/11/01. 3pp. 27390:052. 24X Fiche: 50-155, 84/11/01, 8411080335.

--8411080351 Proposed Tech Spec re calibr frequency of dose-rate measuring instruments, renumbering of motor operated valve & inclusion of reload H4 fuel. * Consumers Power Co. 84/11/01. 12pp. 27390:053. 24X Fiche: 50-155, 84/11/01, 8411080335.

8411060206 Provides addl info re integrated assessment (living schedule). Completion date of control room design review revised due to premature 1984 refueling outage. Personnel unavailable for scheduled surveys. KUEMIN, J.L. Consumers Power Co. 84/11/02. Office of Nuclear Reactor Regulation, Director. 4pp. 27324:026. 24X Fiche: 50-155, 84/11/02, 8411060206.

8411090177 Forwards NRC & Science Applications Intl Corp comments on detailed control room design review program plan. Program plan does not fully comply w/requirements of Suppl 1 to NUREG-0737. Meeting to discuss & resolve concerns requested. ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/07. VANDEWALLE, D.J. Consumers Power Co. 10pp. 27398:218. 24X Fiche: 50-155, 84/11/07, 8411090177.

--8411090183 Rev 1 to "Detailed Control Room Design Review Program Plan Evaluation." * Science Applications, Inc. NRC-03-B2-096. 84/10/09. NRC - No Detailed Affiliation Given. 13pp. 27398:228. 24X Fiche: 50-155, 84/11/07, 8411090177.

8411290099 Recommends that control room design review program meeting be held wk of 841210, per NRC 841107 ltr. Meeting should be held at plant site. Onsite meeting would help familiarize NRC w/facility & control room. KUEMIN, J.L. Consumers Power Co. 84/11/26. Office of Nuclear Reactor Regulation, Director. 2pp. 27679:256. 24X Fiche: 50-155, 84/11/26, 8411290099.

H. General correspondence

8411140330 Informs of reorganization of util nuclear operations dept. Reorganization intended to improve effectiveness & will be complete by 841201. On basis of info provided, reorganization meets intent of current Tech Specs. Supporting info encl. VANDEWALLE, D.J. Consumers Power Co. 84/11/08. Office of Nuclear Reactor Regulation, Director. 4pp. 27469:134. 24X Fiche: 50-000, 84/11/08, 8411140330.

P. Operating license stage documents & correspondence

8411050102 Discusses acceptance criteria for indexing sys for updated final hazards summary rept. Preliminary listing of pertinent documents to be input in database encl. KUEMIN, J.L. Consumers Power Co. 84/10/31. Office of Nuclear Reactor Regulation, Director. 3pp. 27304:212. 24X Fiche: 50-155, 84/10/31, 8411050102.

841150045 Forwards info re electrical equipment qualification program, per 840918 request. Info includes list of technical evaluation rept items & program description. KUEMIN, J.L. Consumers Power Co. 84/10/31. Office of Nuclear Reactor Regulation, Director. 29pp. 27503:009. 24X Fiche: 50-155, 84/10/31, 841150045.

--841150053 Rev 1 to Procedure BRP-EQ-NPS-1 "Upgrade of Big Rock Point Plant Environ Qualification Files." BERRY, K.W., HUGHES, L.D. Consumers Power Co. 84/09/25. 11pp. 27503:038. 24X Fiche: 50-155, 84/10/31, 841150045.

--841150062 Rev 0 to Procedure BRP-EQ-NPS-2 "Upgrade of Big Rock Point Environ Qualification List." BERRY, K.W., HUGHES, L.D. Consumers Power Co. 84/10/12. 11pp. 27503:049. 24X Fiche: 50-155, 84/10/31, 841150045.

8411080335 Forwards application for amend to License DPR-6, revising Tech Specs re calibr frequency of dose-rate measuring instruments, renumbering of motor operated valve & inclusion of reload H4 fuel. VANDEWALLE, D.J. Consumers Power Co. 84/11/01. Office of Nuclear Reactor Regulation, Director. 1p. 27390:051. 24X Fiche: 50-155, 84/11/01, 8411080335.

--8411080343 Application for amend to License DPR-6, revising Tech Specs re calibr frequency of dose-rate measuring instruments, renumbering of motor operated valve & inclusion of reload H4 fuel. Fee paid. DEWITT, R.B. Consumers Power Co. 84/11/01. 3pp. 27390:052. 24X Fiche: 50-155, 84/11/01, 8411080335.

--8411080351 Proposed Tech Spec re calibr frequency of dose-rate measuring instruments, renumbering of motor operated valve & inclusion of reload H4 fuel. * Consumers Power Co. 84/11/01. 12pp. 27390:053. 24X Fiche: 50-155, 84/11/01, 8411080335.

8411070042 Submits fee for B30121 & B41004 applications requesting relief from certain ASME Code requirements for inservice testing program for pumps & valves. KUEMIN, J.L. Consumers Power Co. 84/11/02. MILLER, W.O. License Fee Management Branch. 1p. 27360:166. 24X Fiche: 50-155, 84/11/02, 8411070042.

DOCKETED ITEMS

- 841120099 Responds to 841102 request for addl info re util 840806 Tech Spec change request concerning plant review committee (PRC) reviews. PRC reviews examined by committee chairman. GA dept & nuclear safety board.
BORDINE, T.C. Consumers Power Co. 84/11/05. Office of Nuclear Reactor Regulation, Director. 2pp. 27429:217. 24X
Fiche: 50-000, 84/11/05, 841120099.
- 841130211 Forwards draft NRR input to SALP for Jul 1983 - Oct 1984 for review & comment. Comments received by 841109 will be considered in final rept. Category 2 rating given for licensing activities.
EMCH, R.L. Operating Reactors Branch 5. 84/11/05. EISENHUT, D.G. Division of Licensing. BERNERD, R. Division of Systems Integration (post 811005). VOLLMER, R. Division of Engineering. 7pp. 27480:130. 24X Fiche: 50-155, 84/11/05, 841130211.
- 841140274 Forwards application to amend License DPR-6, changing Tech Specs re stack gas monitoring sys. in response to NUREG-0737 Item II.F.1, per Generic Ltr 83-36. Info supersedes 811027, 1215 & 831216 requests. Fee paid on 811027.
KUEMIN, J.L. Consumers Power Co. 84/11/08. Office of Nuclear Reactor Regulation, Director. 1p. 27468:233. 24X
Fiche: 50-155, 84/11/08, 841140274.
- 841140288 Application to amend License DPR-6, changing Tech Specs to reflect requirements of NUREG-0737 Item II.F.1 re noble gas effluent monitor & sampling & analysis of plant effluents & Generic Ltr 83-36 re STS for BWRs.
DEWITT, R.B. Consumers Power Co. 84/11/08. 3pp. 27468:234. 24X
Fiche: 50-155, 84/11/08, 841140274.
- 841140294 Proposed Tech Specs reflecting requirements of NUREG-0737 re noble gas effluent monitor & sampling & analysis of plant effluents.
* Consumers Power Co. 84/11/08. 4pp. 27468:237. 24X
Fiche: 50-155, 84/11/08, 841140274.
- 841200332 Application to amend License DPR-6, changing Tech Specs to include recently modified reactor encl treated waste line isolation valve. Fee paid.
VANDEWALLE, D.J. Consumers Power Co. 84/11/14. Office of Nuclear Reactor Regulation, Director. 3pp. 27571:351. 24X
Fiche: 50-155, 84/11/14, 841200332.
- 841200334 Proposed Tech Spec changes to include recently modified reactor encl treated waste line isolation valve.
* Consumers Power Co. 84/11/14. 2pp. 27571:354. 24X
Fiche: 50-155, 84/11/14, 841200332.
- 841210217 Forwards application to amend License DPR-6, requesting Tech Spec changes incorporating definition of operability consistent w/std radiological effluent Tech Specs for BWRs (NUREG-0473, Rev 3). Fee paid.
VANDEWALLE, D.J. Consumers Power Co. 84/11/14. Office of Nuclear Reactor Regulation, Director. 1p. 27591:337. 24X
Fiche: 50-155, 84/11/14, 841210217.
- 841210223 Application for amend to License DPR-6, changing Tech Specs to incorporate definition of operability consistent w/std radiological effluent Tech Specs for BWRs & incorporating limiting conditions of operation for ESF sys.
DEWITT, R.B. Consumers Power Co. 84/11/14. 3pp. 27591:338. 24X
Fiche: 50-155, 84/11/14, 841210217.
- 841210229 Proposed Tech Specs incorporating definition of operability consistent w/std radiological effluent Tech Specs for BWRs (NUREG-0473, Rev 3) & incorporating limiting conditions of operation for ESF sys.
* Consumers Power Co. 84/11/14. 9pp. 27591:341. 24X
Fiche: 50-155, 84/11/14, 841210217.
- 841260275 Requests 90-day extension for submittal of Tech Spec change request re fluxwire sys & in-core detectors, per NRC 840827 ltr. Existing detectors & fluxwire sys will remain in use throughout current operating cycle.
BORDINE, T.C. Consumers Power Co. 84/11/20. Office of Nuclear Reactor Regulation, Director. 1p. 27614:067. 24X
Fiche: 50-155, 84/11/20, 841260275.
- 841290113 Forwards application for amend to License DPR-6, changing Tech Specs re testing frequency for reactor depressurization sys depressurizing valves. Proposed Tech Specs encl. Fee paid.
BORDINE, T.C. Consumers Power Co. 84/11/26. Office of Nuclear Reactor Regulation, Director. 1p. 27677:238. 24X
Fiche: 50-155, 84/11/26, 841290113.
- 841290349 Application to amend License DPR-6, changing testing frequency for reactor depressurization sys depressurizing valves each cold shutdown to one valve each refueling outage.
DEWITT, R.B. Consumers Power Co. 84/11/26. 4pp. 27677:239. 24X
Fiche: 50-155, 84/11/26, 841290113.
- 841290353 Proposed changes to Tech Specs 3.1.5 & 4.1.5, changing testing frequency for reactor depressurization sys depressurizing valves from all valves each cold shutdown to one valve each refueling outage.
* Consumers Power Co. 84/11/26. 2pp. 27677:243. 24X
Fiche: 50-155, 84/11/26, 841290113.
- Q. Inspection reports, IE Bulletins & correspondence
- 8411060268 Forwards Insp Rept 50-155/84-12 on 840925-28. No noncompliance noted.
GREGER, L.R. Region 3, Office of Director. 84/10/17. DEWITT, R.B. Consumers Power Co. 2pp. 27351:267. 24X Fiche: 50-155, 84/10/17, 8411060268.
- 8411060276 Insp Rept 50-155/84-12 on 840925-28. No violations or deviations noted. Major areas inspected: operational protection program, including exposure control, control of radioactive matis & contamination surveys & monitoring.
LOVENDALE, P.C., MILLER, D.E. Region 3, Office of Director. 84/10/17. 6pp. 27351:269. 24X Fiche: 50-155, 84/10/17, 8411060268.
- 841260283 Forwards revised Table I to 841012 submittal of Inservice Insp Rept 2-2 detailing exam method & final disposition of main circulation Pump 1, 1-03 pump bolting.
FRISCH, R.R. Consumers Power Co. 84/10/24. KEPLER, J.G. Region 3, Office of Director. 2pp. 27613:059. 24X Fiche: 50-155, 84/10/24, 841260283.
- 8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.
- 841210428 Forwards Insp Rept 50-155/84-11 on 840901-1009. No noncompliance noted.
WARNICK, R.F. Region 3, Office of Director. 84/10/31. DEWITT, R.B. Consumers Power Co. 2pp. 27607:183. 24X Fiche: 50-155, 84/10/31, 841210428.
- 841210439 Insp Rept 50-155/84-11 on 840901-1009. No noncompliance noted. Major areas inspected: licensee actions on previous insp findings, operational safety, maint & surveillance observations, IE bulletins & operator training.
BOVD, D.C. Region 3, Office of Director. 84/10/31. 10pp. 27607:185. 24X Fiche: 50-155, 84/10/31, 841210428.
- 8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.
- 8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.
- 8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.
- 841190543 Ack receipt of 841101 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-155/84-10.
WALKER, R.D. Region 3, Office of Director. 84/11/14. Consumers Power Co. 1p. 27549:083. 24X Fiche: 50-155, 84/11/14, 841190543.
- 841190549 Responds to NRC 841001 ltr re violations noted in Insp Rept 50-155/84-10. Corrective actions: Surveillance Procedure TI-09, "Heat Balance Calculation," revised to clarify intent of heat balance recalculations.
VANDEWALLE, D.J. Consumers Power Co. 84/11/01. KEPLER, J.G. Region 3, Office of Director. 2pp. 27549:084. 24X
Fiche: 50-155, 84/11/14, 841190543.
- 841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.
- 841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

DOCKETED ITEMS

17

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411260431 Submits addl info to 841105 ltr re methods for reviewing adequacy of plant review committee routing sys per insp rept. Util prefers to delegate responsibility for assessing adequacy of routing sys to independent group.
VANDEWALLE, D.J. Consumers Power Co. 84/11/20. Office of Nuclear Reactor Regulation, Director. 2pp. 27610:050. 24X Fiche: 50-000, 84/11/20, 8411260431.

R. Periodic operating reports & related correspondence

841150284 Monthly operating rept for Sept 1984, W/841005 ltr.
AMSTUTZ, S.R.; HOFFMAN, D.P. Consumers Power Co. 84/09/30. 5pp. 27528:348. 24X Fiche: 50-155, 84/09/30, 841150284.

S. Reportable occurrences, LERs & related correspondence

8411010192 LER 84-003-02: on 840530, samples taken of water leakage into below grade wall of radwaste pump room indicated presence of tritium & I-131. Release not in excess of limits defined in 10CFR20.106. No further action necessary. W/841019 ltr.
DEMOOR, D.L. Consumers Power Co. BORDINE, T.C. Carolina Power & Light Co. 84/10/19. 5pp. 27249:345. 24X Fiche: 50-155, 84/10/19, 8411010192.

8411090406 LER 84-011-01: on 840731, one of two lever arms controlling mechanical interlock on containment sphere personnel air lock inoperable, causing loss of containment integrity. Caused by personnel error. Bolt repaired. W/841030 ltr.
CASTIGLIONE, L.; BORDINE, T.C. Consumers Power Co. 84/10/30. 5pp. 27416:263. 24X Fiche: 50-155, 84/10/30, 8411090406.

V. Operator Examinations

8411210428 Forwards Insp Rept 50-155/84-11 on 840901-1009. No noncompliance noted.
WARNICK, R.F. Region 3, Office of Director. 84/10/31. DEWITT, R.B. Consumers Power Co. 2pp. 27607:183. 24X Fiche: 50-155, 84/10/31, 8411210428.

--8411210439 Insp Rept 50-155/84-11 on 840901-1009. No noncompliance noted. Major areas inspected: licensee actions on previous insp findings, operational safety, maint & surveillance observations, IE bulletins & operator training.
BOVD, D.C. Region 3, Office of Director. 84/10/31. 10pp. 27607:185. 24X Fiche: 50-155, 84/10/31, 8411210428.

DOCKET 50-157 CORNELL UNIV. RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. BOWMAKER, N.J. Baltimore Gas & Electric Co. KERR, F. Maryland, Univ. of, College Park, MD. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

DOCKET 50-160 GEORGIA INST. OF TECH. RESEARCH REACTOR

G. Inspection reports, IE Bulletins & correspondence

841130648 Forwards Insp Rept 50-160/84-03 on 840920. No violations or deviations noted.
VERRELLI, D.M. Region 2, Office of Director. 84/10/02. KARAM, R.A. Georgia Institute of Technology, Atlanta, GA. 2pp. 27461:155. 24X Fiche: 50-160, 84/10/02, 841130648.

--841130653 Insp Rept 50-160/84-04 on 840920. No violations or deviations noted. Major areas inspected: organization & plant tour.
POERTNER, W.K.; HARDIN, A.K.; JULIAN, C.A. Region 2, Office of Director. 84/09/28. 2pp. 27461:157. 24X Fiche: 50-160, 84/10/02, 841130648.

841130494 Informs of corrected insp rept number for insp on 840920. Corrected & original cover ltrs encl. W/o encl.
VERRELLI, D.M. Region 2, Office of Director. 84/10/18. KARAM, R.A. Georgia Institute of Technology, Atlanta, GA. 1p. 27462:323. 24X Fiche: 50-160, 84/10/18, 841130494.

DOCKET 50-163 GA TECHNOLOGIES

F. Security, medical, emergency & fire protection plans

8411200224 Forwards Insp Repts 50-089/84-01 & 50-163/84-01 on 840924-28. No noncompliance noted.
WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/30. COLANDREA, T. GA Technologies, Inc./General Atomic Co. 1p. 27585:049. 24X Fiche: 50-089, 84/10/30, 8411200224.

--8411200233 Insp Repts 50-089/84-01 & 50-163/84-01 on 840924-28. No violations or deviations noted. Major areas inspected: reactor operations & associated radiation protection & environ & emergency preparedness plans.
CILLIS, M. Region 5, Office of Director. 84/10/30. 17pp. 27585:050. 24X Fiche: 50-089, 84/10/30, 8411200224.

G. Inspection reports, IE Bulletins & correspondence

8411200224 Forwards Insp Repts 50-089/84-01 & 50-163/84-01 on 840924-28. No noncompliance noted.
WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/30. COLANDREA, T. GA Technologies, Inc./General Atomic Co. 1p. 27585:049. 24X Fiche: 50-089, 84/10/30, 8411200224.

--8411200233 Insp Repts 50-089/84-01 & 50-163/84-01 on 840924-28. No violations or deviations noted. Major areas inspected: reactor operations & associated radiation protection & environ & emergency preparedness plans.
CILLIS, M.; YUHAS, G.P. Region 5, Office of Director. 84/10/30. 17pp. 27585:050. 24X Fiche: 50-089, 84/10/30, 8411200224.

DOCKET 50-166 UNIV. OF MARYLAND RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. HEIDER, L.H. Yankee Atomic Electric Co. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

G. Inspection reports, IE Bulletins & correspondence

8411200072 Forwards Operator Licensing Exam Rept 50-166/84-03 for 840822-23 exam.
GREENMAN, E.G. Division of Project & Resident Programs. 84/10/26. KERR, F. Maryland, Univ. of, College Park, MD. 2pp. 27585:290. 24X Fiche: 50-166, 84/10/26, 8411200072.

--8411200077 Operator Licensing Exam Rept 50-166/84-03 on 840822-23. Exam results: three of five candidates passed. Generic weaknesses re quarterly exposure limits, GM tube operations & 1/M plots identified.
DUDLEY, N.; KELLY, R.W. Region 1, Office of Director. 84/10/23. 4pp. 27585:292. 24X Fiche: 50-166, 84/10/26, 8411200072.

V. Operator Examinations

8411200072 Forwards Operator Licensing Exam Rept 50-166/84-03 for 840822-23 exam.
GREENMAN, E.G. Division of Project & Resident Programs. 84/10/26. KERR, F. Maryland, Univ. of, College Park, MD. 2pp. 27585:290. 24X Fiche: 50-166, 84/10/26, 8411200072.

--8411200077 Operator Licensing Exam Rept 50-166/84-03 on 840822-23. Exam results: three of five candidates passed. Generic weaknesses re quarterly exposure limits, GM tube operations & 1/M plots identified.
DUDLEY, N.; KELLY, R.W. Region 1, Office of Director. 84/10/23. 4pp. 27585:292. 24X Fiche: 50-166, 84/10/26, 8411200072.

DOCKET 50-170 NATIONAL NAVAL MEDICAL CENTER

F. Security, medical, emergency & fire protection plans

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. BEGHIAN, L.E. Lowell, Univ. of Lowell, MA. KANE, R. Manhattan College, Riverdale, NY. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

DOCKETED ITEMS

G. Inspection reports, IE Bulletins & correspondence

B411140445 Forwards Insp Rept 50-170/B4-05 on 840510-11. No violation noted.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/12.
ADCOCK, B. R. Armed Forces Radiobiological Research Institute. 2pp.
27494:066. 24X Fiche: 50-170, 84/10/12, 8411140445.

--B411140448 Insp Rept 50-170/B4-05 on 840510-11. No violation noted. Major areas inspected: facility operations, organization, review & audits, operator requalification training & radioactive effluents.
WHITAKER, L., ELSASSER, T. C. Region 1, Office of Director. 84/09/26. 5pp. 27494:068. 24X Fiche: 50-170, 84/10/12, 8411140445.

B411160071 Forwards Exam Rept 50-170/B4-06 of exam administered on 840510-11.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/22.
ADCOCK, B. R. Defense, Dept. of, Defense Nuclear Agency. 2pp.
27544:135. 24X Fiche: 50-170, 84/10/22, 8411160071.

--B411160076 Exam Rept 50-170/B4-06 administered on 840510-11. Exam results: both candidates passed exam.
WHITAKER, L., KELLER, R. Region 1, Office of Director. 84/10/19. 25pp. 27544:137. 24X Fiche: 50-170, 84/10/22, 8411160071.

V. Operator Examinations

B411140445 Forwards Insp Rept 50-170/B4-05 on 840510-11. No violation noted.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/12.
ADCOCK, B. R. Armed Forces Radiobiological Research Institute. 2pp.
27494:066. 24X Fiche: 50-170, 84/10/12, 8411140445.

--B411140448 Insp Rept 50-170/B4-05 on 840510-11. No violation noted. Major areas inspected: facility operations, organization, review & audits, operator requalification training & radioactive effluents.
WHITAKER, L., ELSASSER, T. C. Region 1, Office of Director. 84/09/26. 5pp. 27494:068. 24X Fiche: 50-170, 84/10/12, 8411140445.

B411160071 Forwards Exam Rept 50-170/B4-06 of exam administered on 840510-11.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/22.
ADCOCK, B. R. Defense, Dept. of, Defense Nuclear Agency. 2pp.
27544:135. 24X Fiche: 50-170, 84/10/22, 8411160071.

--B411160076 Exam Rept 50-170/B4-06 administered on 840510-11. Exam results: both candidates passed exam.
WHITAKER, L., KELLER, R. Region 1, Office of Director. 84/10/19. 25pp. 27544:137. 24X Fiche: 50-170, 84/10/22, 8411160071.

DOCKET 50-171 PEACH BOTTOM ATOMIC POWER STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecky at Region 1.
MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. STREETT, W. B. Cornell Univ., Ithaca, NY. RENNIE, D. W. New York, State Univ. of, Buffalo, NY. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

DOCKET 50-184 NATIONAL BUREAU OF STANDARDS REACTOR

F. Security, medical, emergency & fire protection plans

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecky at Region 1.
MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. STANDERFER, F. General Public Utilities - GPU Service Corp. COUSINS, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

DOCKET 50-185 PLUM BROOK REACTOR - MOCK-UP

F. Security, medical, emergency & fire protection plans

B411130644 Forwards Insp Repts 50-030/B4-01 & 50-185/B4-01 on 841004. No noncompliance noted.
GREGOR, L. R. Region 3, Office of Director. 84/10/22. BOITEL, E. C. National Aeronautics & Space Admin. 2pp. 24X Fiche: 50-030, 84/10/22, 8411130644.

--B411130656 Insp Repts 50-030/B4-01 & 50-185/B4-01 on 841004. No noncompliance noted. Major areas inspected: radiological protection, including reactor facility dismantling status, organization, sys & components condition & security.
GRANT, W. B. Region 3, Office of Director. 84/10/22. 4pp. 24X Fiche: 50-030, 84/10/22, 8411130644.

P. Operating license stage documents & correspondence

B411020218 Informs of delay in dismantling reactors due to funding constraints. Action requesting NRC reinstate licenses to possess but not use status initiated.
RICHLEY, E. A. National Aeronautics & Space Admin. 84/10/29.
THOMAS, C. D. Standardization & Special Projects Branch. 2pp. 27255:069. 24X Fiche: 50-030, 84/10/29, 8411020218.

G. Inspection reports, IE Bulletins & correspondence

B411130644 Forwards Insp Repts 50-030/B4-01 & 50-185/B4-01 on 841004. No noncompliance noted.
GREGOR, L. R. Region 3, Office of Director. 84/10/22. BOITEL, E. C. National Aeronautics & Space Admin. 2pp. 27461:145. 24X Fiche: 50-030, 84/10/22, 8411130644.

--B411130656 Insp Repts 50-030/B4-01 & 50-185/B4-01 on 841004. No noncompliance noted. Major areas inspected: radiological protection, including reactor facility dismantling status, organization, sys & components condition & security.
GRANT, W. B., MILLER, D. E. Region 3, Office of Director. 84/10/22. 4pp. 27461:147. 24X Fiche: 50-030, 84/10/22, 8411130644.

DOCKET 50-186 UNIV. OF MISSOURI RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

B411210001 Requests emergency plan implementation period be extended to originally requested 180 days or preferably 210 days, per 840907 ltr. Completion of training & drills will be difficult w/holidays approaching.
MCKIBBEN, J. C., BRUGGER, R. M. Missouri, Univ. of, Columbia, MO. 84/11/16. THOMAS, C. D. Standardization & Special Projects Branch. 2pp. 27591:324. 24X Fiche: 50-186, 84/11/16, 8411210001.

DOCKET 50-187 SPACE RADIATION RESEARCH REACTOR

R. Periodic operating reports & related correspondence

B411270003 "Natural Environ Radioactivity Survey, Sept 1983 - Aug 1984." W/841108 ltr.
AVANT, D. W., COZENS, G. B., WOODS, J. E. Northrop Research & Technical Center. 84/08/31. 12pp. 27679:037. 24X Fiche: 50-187, 84/08/31, 8411270003.

DOCKET 50-192 UNIV. OF TEXAS RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

B411160038 Advises that emergency plan for Univ of Texas TRIQA reactor facility fully implemented.
KLEIN, D. Texas, Univ. of, Austin, TX. 84/11/02. THOMAS, C. D. Standardization & Special Projects Branch. 1p. 27544:114. 24X Fiche: 50-192, 84/11/02, 8411160038.

DOCKET 50-193 RHODE ISLAND & PROVIDENCE PLANTATIONS AEC

F. Security, medical, emergency & fire protection plans

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecky at Region 1.
MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. MCGOVERN, J. J. Union Carbide Corp. CARTER, R. S. Commerce, Dept. of, National Bureau of Standards. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

DOCKETED ITEMS

19

DOCKET 50-199 MANHATTAN COLLEGE RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. WILBUR, L.C. Worcester Polytechnic Institute, Worcester, MA. DIMEGLIO, A.F. Rhode Island, State of. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

P. Operating license stage documents & correspondence

B411200351 Forwards Rev 2 to Tech Specs for Manhattan College zero power reactor, requested during 840918-19 site visit. Response to NRC final questions submitted on 841026. Commitments from site visit complete.
KANE, R.S. Manhattan College, Riverdale, NY. 84/11/15. CHU, A. Standardization & Special Projects Branch. 68pp. 27571:088. 24X Fiche: 50-199, 84/11/15, 8411200351.

G. Inspection reports, IE Bulletins & correspondence

B411090359 Forwards Exam Rept 50-199/84-03 on 840601.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/15. KANE, R. Manhattan College, Riverdale, NY. 2pp. 27416:297. 24X Fiche: 50-199, 84/10/15, 8411090359.

--B411090363 Exam Rept 50-199/84-03 on 840601. Exam results: one candidate passed exam.
WHITAKER, L. Region 1, Office of Director. 84/09/28. 4pp. 27416:299. 24X Fiche: 50-199, 84/10/15, 8411090359.

V. Operator Examinations

B411090359 Forwards Exam Rept 50-199/84-03 on 840601.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/15. KANE, R. Manhattan College, Riverdale, NY. 2pp. 27416:297. 24X Fiche: 50-199, 84/10/15, 8411090359.

--B411090363 Exam Rept 50-199/84-03 on 840601. Exam results: one candidate passed exam.
WHITAKER, L. Region 1, Office of Director. 84/09/28. 4pp. 27416:299. 24X Fiche: 50-199, 84/10/15, 8411090359.

DOCKET 50-206 SAN ONOFRE NUCLEAR STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

B411060228 Forwards description of changes & Rev 3 to Aug 1979 security force training & qualification plan. Description withheld (ref 10CFR73.21).
HAYNES, J.G. Southern California Edison Co. 84/10/23. MARTIN, J.B. Region 5, Office of Director. 1p. 27324:055. 24X Fiche: 50-206, 84/10/23, 8411060228.

B411090251 Provides info re fire protection open items listed in Insp Repts 50-206/84-01, 50-361/84-01 & 50-362/84-01. Investigation of items & results discussed.
HAYNES, J.G. Southern California Edison Co. 84/10/26. MARTIN, J.B. Region 5, Office of Director. 3pp. 27398:020. 24X Fiche: 50-206, 84/10/26, 8411090251.

B411070008 Forwards Rev 0 to Health Physics Procedure SD1-VII-B.5.1. "Process Control Program." Applicable documents reviewed & approved by NRC listed.
MEDFORD, M.O. Southern California Edison Co. 84/11/02. ZWOLINSKI, J.A. Operating Reactors Branch 5. 2pp. 27359:345. 24X Fiche: 50-206, 84/11/02, 8411070008.

--B411070010 Rev 0 to Health Physics Procedure SD1-VII-B.5.1. "Process Control Program."
* Southern California Edison Co. 84/10/17. 61pp. 27359:347. 24X Fiche: 50-206, 84/11/02, 8411070008.

B411140226 Forwards sections of Revs 0 & 2 to emergency plan amend for insertion into Emergency Plan Manual 167. Ack of receipt requested by 841207.
* Southern California Edison Co. 84/11/07. NRC - No Detailed Affiliation Given. 6pp. 27469:014. 24X Fiche: 50-206, 84/11/07, 8411140226.

B411160318 Revised emergency plan implementing procedures, including S0123-VIII-80 re emergency group leader duties & S0123-VIII-70.1 re site communications equipment operator duties. W/841108 1tr.
CROY, P.A. Southern California Edison Co. 84/11/08. MARTIN, J.B. Region 5, Office of Director. 75pp. 27533:141. 24X Fiche: 50-206, 84/11/08, 8411160318.

B411260256 Forwards Rev 2 to physical security plan to restore or increase security measure. Rev withheld (ref 10CFR73.21).
DURST, J.B. Southern California Edison Co. 84/11/12. MCGUEEN, A. Region 5, Office of Director. 1p. 27613:114. 24X Fiche: 50-206, 84/11/12, 8411260256.

B411200329 Provides addl info to 830909 Proposed Change 124 re App J requirement stating that recirculation sys remain in continuous operation indefinitely following LOCA & water for sealing function of pumps & valves last for 30-day min.
MEDFORD, M.O. Southern California Edison Co. 84/11/14. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27571:163. 24X Fiche: 50-206, 84/11/14, 8411200329.

--B411200339 Forwards risk assessment of loss of control room habitability, per SEP Topic II-1.C. Failure of control room HVAC sys coincident w/radiological event or offsite accident would create very low hazard to control room operation crew.
MEDFORD, M.O. Southern California Edison Co. 84/11/14. ZWOLINSKI, J.A. Operating Reactors Branch 5. 2pp. 27571:166. 24X Fiche: 50-206, 84/11/14, 8411200339.

--B411200342 "Control Room HVAC Sys Value Impact Assessment, SEP Topic II-1.C. 'Offsite Hazards,' NUREG-0737, Item III.D.3.4. 'Control Room Habitability.'
* Nucon, Inc. 84/09/30. 59pp. 27571:168. 24X Fiche: 50-206, 84/11/14, 8411200329.

B411290355 Rev 0 to emergency plan re onsite emergency coordination.
PHILLIPS, S. Southern California Edison Co. 84/11/20. 9pp. 27677:224. 24X Fiche: 50-206, 84/11/20, 8411290355.

I. Financial information

B411070053 Forwards two ltrs dtd 841022 & State of CA pollution control financing authority 841030 1tr re applications from San Diego Gas & Electric Co & Southern CA Edison Co.
THOMAS, R.D. Region 5, Office of Director. 84/11/01. CASE, E.G. Office of Nuclear Reactor Regulation, Director. 1p. 27355:287. 24X Fiche: 50-000, 84/11/01, 8411070053.

--B411070064 Requests review & certification of referenced project per Application 420 for financing of pollution control, solid waste disposal & sewage disposal facilities.
CHANDLER, D.E. California, State of. 84/10/22. THOMAS, R. Region 5, Office of Director. 27pp. 27355:288. 24X Fiche: 50-000, 84/11/01, 8411070053.

--B411070124 Requests review & certification of referenced project per Application 421 for financing of pollution control, solid waste disposal & sewage disposal facilities.
CHANDLER, D.E. California, State of. 84/10/22. THOMAS, R. Region 5, Office of Director. 26pp. 27356:024. 24X Fiche: 50-000, 84/11/01, 8411070053.

--B411070130 Requests review & certification of referenced project per Application 425 for financing of pollution control, solid waste disposal & sewage disposal facilities.
CHANDLER, D.E. California, State of. 84/10/30. THOMAS, R. Region 5, Office of Director. 9pp. 27356:141. 24X Fiche: 50-000, 84/11/01, 8411070053.

P. Operating license stage documents & correspondence

B410290154 Forwards Amend 82 to License DPR-13 & safety evaluation. Amend revises & expands limiting conditions for operation & surveillance requirements applicable to auxiliary feedwater sys & associated automatic initiation sys & water supply.
PAULSON, W.A. Operating Reactors Branch 5. 84/10/24. BASKIN, K.P. Southern California Edison Co. 3pp. 27164:223. 24X Fiche: 50-206, 84/10/24, 8410290154.

--B410290160 Amend 82 to License DPR-13, revising & expanding limiting conditions for operation & surveillance requirements applicable to auxiliary feedwater sys & associated automatic initiation sys & water supply.
PAULSON, W.A. Operating Reactors Branch 5. 84/10/24. 17pp. 27164:226. 24X Fiche: 50-206, 84/10/24, 8410290154.

--B410290168 Safety evaluation supporting Amend 82 to License DPR-13.
* Office of Nuclear Reactor Regulation, Director. 84/10/24. 11pp. 27164:243. 24X Fiche: 50-206, 84/10/24, 8410290154.

DOCKETED ITEMS

8411050453 Responds to 840327 ltr providing info re use of containment vent sys. Util should either limit vent sys operation or provide addl justification. SER providing guidance on factors for justification on encl. Schedule requested in 30 days.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/02. BASKIN, K.P. Southern California Edison Co. 2pp. 27297:329. 24X
Fiche: 50-206, 84/11/02, 8411050453.

—8411050457 Safety evaluation re vent valve operation based on review of 840327 ltr. Licensee has not provided sufficient justification for unlimited use of vent sys during normal operation. Guidance for justification of operation provided.
* NRC - No Detailed Affiliation Given. 84/11/02. 9pp. 27297:331. 24X Fiche: 50-206, 84/11/02, 8411050453.

8411050463 Forwards Amend 83 to License DPR-13 & safety evaluation. Amend revises Tech Specs to incorporate limiting conditions for operation & surveillance requirements for plant mods. per Generic Ltr 83-37.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/02. BASKIN, K.P. Southern California Edison Co. 4pp. 27297:256. 24X
Fiche: 50-206, 84/11/02, 8411050463.

—8411050468 Amend 83 to License DPR-13, revising Tech Specs to incorporate limiting conditions for operation & surveillance requirements for plant mods, per Generic Ltr 83-37.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/02. 45pp. 27297:260. 24X Fiche: 50-206, 84/11/02, 8411050463.

—8411050471 Safety evaluation supporting Amend 83 to License DPR-13.
* Office of Nuclear Reactor Regulation, Director. 84/11/02. 7pp. 27297:305. 24X Fiche: 50-206, 84/11/02, 8411050463.

8411070227 Forwards comments on charging & pressurizer spray piping. Lines reanalyzed & upgraded as part of current return-to-svc effort. Concerns raised by EG&G do not exist in return-to-svc analyses.
MEDFORD, M.O. Southern California Edison Co. 84/11/02. ZWOLINSKI, J.A. Operating Reactors Branch 5. 3pp. 27353:241. 24X
Fiche: 50-206, 84/11/02, 8411070227.

8411140378 Forwards Change Notice 11 of Amend 7 to SCE-1-A, "QA Program" for Southern California Edison Co.
MEDFORD, M.O. Southern California Edison Co. 84/11/02. MARTIN, J.B. Region 5, Office of Director. 1p. 27468:299. 24X
Fiche: 50-206, 84/11/02, 8411140378.

—8411140384 Change Notice 11 of Amend 7 to SCE-1-A, "QA Program" for Southern California Edison Co.
* Southern California Edison Co. SCE-1-A A07 R11. 84/11/02. 7pp. 27468:300. 24X Fiche: 50-206, 84/11/02, 8411140378.

8411070001 Forwards Rev 1 to "Hot Safe Shutdown Sys Interaction Review," per 841019 request for addl info to complete SER for restart.
BASKIN, K.P. Southern California Edison Co. 84/11/03. CRUTCHFIELD, D. Assistant Director for Safety Assessment. 3pp. 27360:061. 24X Fiche: 50-206, 84/11/03, 8411070001.

—8411070003 Rev 1 to "Hot Safe Shutdown Sys Interaction Review."
* Bechtel Corp. 84/11/03. 23pp. 27360:064. 24X
Fiche: 50-206, 84/11/03, 8411070001.

8411070104 Forwards "Evaluation of Cold Shutdown & Accident Mitigation Sys for San Onofre Unit 1." Rept supports 841017 & 22 submittals re seismic capability of certain safety-related sys.
MEDFORD, M.O. Southern California Edison Co. 84/11/03. ZWOLINSKI, J.A. Operating Reactors Branch 5. 1p. 27363:318. 24X
Fiche: 50-206, 84/11/03, 8411070104.

—8411070109 "Evaluation of Cold Shutdown & Accident Mitigation Sys For San Onofre Nuclear Generating Station, Unit 1."
* Southern California Edison Co. 84/11/02. 24pp. 27363:319. 24X Fiche: 50-206, 84/11/03, 8411070104.

8411070144 Forwards justification for continued operation of equipment requiring environ qualification, as part of efforts to return to service.
Southern California Edison Co. 84/11/03. Operating Reactors Branch 5. 83pp. 27356:173. 24X
Fiche: 50-206, 84/11/03, 8411070144.

til in Bethesda, MD re environ audit held on

84/11/08. Operating
24X Fiche: 50-206, 84/11/08.

8411130347 Forwards results of NRC & INEL 841002-04 audit of environ qualification of electrical equipment. Revised justification for continued operation for electrical equipment discussed at 841026 meeting acceptable.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/09. BASKIN, K.P. Southern California Edison Co. 12pp. 27439:095. 24X
Fiche: 50-206, 84/11/09, 8411130347.

8411190472 Forwards SER on SEP Topic II-4.F, "Settlement of Structures & Buried Equipment." Settlement resulting from SSE would not prevent sea wall from protecting plant from flooding during tsunami but cracking of cover may occur.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/13. BASKIN, K.P. Southern California Edison Co. 16pp. 27549:055. 24X
Fiche: 50-206, 84/11/13, 8411190472.

8411210083 Forwards Amend 84 to License DPR-13 & safety evaluation. Amend approves Tech Spec changes & bases incorporating mods to operability & surveillance requirements for auxiliary electric supplies.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/14. BASKIN, K.P. Southern California Edison Co. 4pp. 27606:025. 24X
Fiche: 50-206, 84/11/14, 8411210083.

—8411210088 Amend 84 to License DPR-13, approving changes to Tech Specs & bases to incorporate mods to operability & surveillance requirements for auxiliary electric supplies.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/14. 15pp. 27606:029. 24X Fiche: 50-206, 84/11/14, 8411210083.

—8411210093 Safety evaluation supporting Amend 84 to License DPR-13.
* Office of Nuclear Reactor Regulation, Director. 84/11/14. 10pp. 27606:044. 24X Fiche: 50-206, 84/11/14, 8411210083.

8411260027 Comments on necessary schedule for Commission action re util capability to meet terms set by PUC of CA, per 840711 request. Util characterization of schedules reasonable.
DIRCKS, W.J. Office of the Executive Director for Operations. 84/11/15. PALLADINO, N.J. Commissioners. 4pp. 27647:173. 24X
Fiche: 50-206, 84/11/15, 8411260027.

—8411260036 Requests views on Commission schedule for action re util capability to meet terms set by PUC of CA. Votes on listed issues re restart also requested.
PALLADINO, N.J. Commissioners. 84/11/07. ROBERTS, ASSELSTINE, BERNTHAL, Commissioners. 2pp. 27647:177. 24X
Fiche: 50-206, 84/11/15, 8411260027.

8411200338 Describes future plans for facility operation. Upgrades & repairs during current outage discussed. Facility represents reliable contributor to meeting customer electricity demand through end of expected life of plant.
BASKIN, K.P. Southern California Edison Co. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27570:294. 24X Fiche: 50-206, 84/11/16, 8411200338.

8411210258 Documents results of 831220 meeting w/NRC in Bethesda, MD re environ qualification of safety-related electrical equipment. Addl info re environ qualification program encl, per 840509 request.
MEDFORD, M.O. Southern California Edison Co. 84/11/19. ZWOLINSKI, J.A. Operating Reactors Branch 5. 29pp. 27591:152. 24X
Fiche: 50-206, 84/11/19, 8411210258.

8411210384 Informs of completion of environ qualification of listed electrical equipment, including reactor coolant temp detectors & containment hydrogen monitors. Qualification packages for equipment will be completed by 850331.
MEDFORD, M.O. Southern California Edison Co. 84/11/19. ZWOLINSKI, J.A. Operating Reactors Branch 5. 2pp. 27591:043. 24X
Fiche: 50-206, 84/11/19, 8411210384.

8411260418 Forwards 01-0310-1315, "Summary of Results for Return to Svc Active Valve & Equipment Evaluations," per SEP Topic III-6, "Seismic Design Considerations." All equipment within scope qualified.
MEDFORD, M.O. Southern California Edison Co. 84/11/20. ZWOLINSKI, J.A. Operating Reactors Branch 5. 1p. 27611:330. 24X
Fiche: 50-206, 84/11/20, 8411260418.

—8411260421 "Summary of Results for Return to Svc Active Valve & Equipment Evaluations."
* Inshell Corp. 01-0310-1315. 84/11/08. 256pp. 27611:331. 24X
Fiche: 50-206, 84/11/20, 8411260418.

8411260214 Provides addl info re safety evaluation submitted w/841017 application to amend License DPR-13, changing basis for Tech Spec 3.5.2, "Control Group Insertion Limits," per NRC request. Westinghouse response reiterated.
MEDFORD, M.O. Southern California Edison Co. 84/11/21. ZWOLINSKI, J.A. Operating Reactors Branch 5. 3pp. 27616:021. 24X
Fiche: 50-206, 84/11/21, 8411260214.

DOCKETED ITEMS

21

8411270372 Forwards FR notice of contingent rescission of suspension & SER conditionally supporting resumed operation.
EISENHUT, D.G. Division of Licensing. 84/11/21. BASKIN, K.P.
Southern California Edison Co. 2pp. 27628:299. 24X
Fiche: 50-206, 84/11/21, 8411270372.

--8411270374 Notice of contingent rescission of suspension of operation imposed by 820811 order provided that remainder of seismic reevaluation program & resulting plant mods completed by end of next refueling outage.
EISENHUT, D.G. Division of Licensing. 84/11/21. 5pp. 27628:301.
24X Fiche: 50-206, 84/11/21, 8411270372.

--8411270379 SER supporting resumed plant operation. Facility can withstand earthquake of 0.5g.
* NRC - No Detailed Affiliation Given. 84/11/30. 34pp.
27628:306. 24X Fiche: 50-206, 84/11/21, 8411270372.

--8411270383 "Technical Evaluation Rept for Audits of Impell & Bechtel Concerning San Onofre Nuclear Generating Station Unit 1 Seismic Upgrade of Piping Supports & Equipment."
MORTON, D.K., MORTON, S.L., RUSSELL, M.J. EG&G, Inc. FIN A-6456.
84/11/30. NRC - No Detailed Affiliation Given. 16pp.
27628:340. 24X Fiche: 50-206, 84/11/21, 8411270372.

8411290372 Advises that Commission reviewed SECY-84-434 re restart of facility. Order dtd Aug 1982 merely suspended authority to operate pending mods to facility & NRC approval of restart.
HOYLE, J.C. Office of the Secretary of the Commission. 84/11/21.
DIRCKS, M.W. Office of the Executive Director for Operations. 2pp.
27698:344. 24X Fiche: 50-206, 84/11/21, 8411290372.

8411270302 Forwards SER accepting licensee 841017 & 1121 proposed changes to Tech Spec 3.5.2 re enthalpy rise peaking factor.
Errata to Amend 56 to License DPR-13, correcting inconsistencies between Amends 55 & 56, also forwarded.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/23. BASKIN, K.P.
Southern California Edison Co. 2pp. 27635:332. 24X
Fiche: 50-206, 84/11/23, 8411270302.

--8411270304 Errata to Amend 56 to License DPR-13, revising Tech Spec values for enthalpy rise peaking factor.
* NRC - No Detailed Affiliation Given. 84/11/23. 1p. 27635:336.
24X Fiche: 50-206, 84/11/23, 8411270302.

--8411270305 Safety evaluation accepting licensee proposed changes to Tech Spec 3.5.2 re enthalpy rise peaking factor.
* NRC - No Detailed Affiliation Given. 84/11/23. 2pp.
27635:334. 24X Fiche: 50-206, 84/11/23, 8411270302.

8411270406 Forwards Amend 85 to License DPR-13 & safety evaluation. Amend adds License Condition 3.K requiring installation of post-accident sampling sys by 850701 or startup from Cycle IX refueling outage.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/23. BASKIN, K.P.
Southern California Edison Co. 3pp. 27628:223. 24X
Fiche: 50-206, 84/11/23, 8411270406.

--8411270414 Amend 85 to License DPR-13 adding License Condition 3.K to require installation of post-accident sampling sys by 850701 or startup from Cycle IX refueling outage.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/23. 2pp.
27628:226. 24X Fiche: 50-206, 84/11/23, 8411270406.

--8411270417 Safety evaluation supporting Amend 85 to License DPR-13.
* Office of Nuclear Reactor Regulation, Director. 84/11/23. 4pp.
27628:228. 24X Fiche: 50-206, 84/11/23, 8411270406.

8411270270 Forwards Amend 86 to License DPR-13 & safety evaluation. Amend revises Tech Specs to modify limiting conditions for operation to address auxiliary salt water cooling pump & screen wash pumps as backup pumps when salt pump inoperable.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/26. BASKIN, K.P.
Southern California Edison Co. 2pp. 27635:167. 24X
Fiche: 50-206, 84/11/26, 8411270270.

--8411270278 Amend 86 to License DPR-13, revising Tech Specs to modify limiting conditions for operation to address auxiliary salt water cooling pump & screen wash pumps as backup pumps when salt water cooling pump inoperable.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/26. 5pp.
27635:169. 24X Fiche: 50-206, 84/11/26, 8411270270.

--8411270282 Safety evaluation supporting Amend 86 to License DPR-13.
* Office of Nuclear Reactor Regulation, Director. 84/11/26. 6pp.
27635:174. 24X Fiche: 50-206, 84/11/26, 8411270270.

8411270390 Grants extension of deadline until 851130 for installation of environmentally qualified replacement equipment important to safety.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director.
84/11/26. BASKIN, K.P. Southern California Edison Co. 6pp.
27628:262. 24X Fiche: 50-206, 84/11/26, 8411270390.

8411290244 Informs of conformance w/requirements of Generic Ltr 83-28 (generic implications of Salem ATWS events). Item 4.3 re reactor trip sys reliability, based on review of 831128 response. Review of remaining items continuing.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/28. BASKIN, K.P.
Southern California Edison Co. 2pp. 27677:361. 24X
Fiche: 50-206, 84/11/28, 8411290244.

8411290462 Forwards request for addl info re Generic Ltr 83-28, Items 4.2.1 & 4.2.2, "Required Actions Based on Generic Implications of Salem ATWS Events." Response requested within 60 days.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/28. BASKIN, K.P.
Southern California Edison Co. 5pp. 27676:001. 24X
Fiche: 50-206, 84/11/28, 8411290462.

G. Inspection reports, IE Bulletins & correspondence

8411080572 Forwards Insp Repts 50-206/84-25, 50-361/84-28 & 50-362/84-29 on 841001-05. No violations noted.
BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 84/10/18. BASKIN, K.P. Southern California Edison Co. 2pp. 27396:358. 24X Fiche: 50-206, 84/10/18, 8411080572.

--8411080578 Insp Repts 50-206/84-25, 50-361/84-28 & 50-362/84-29 on 841001-05. No violations noted. Major areas inspected: TMI action plan requirements.
KELLUND, G.C., YOUNG, T. Region 5, Office of Director. 84/10/17. 4pp. 27396:360. 24X Fiche: 50-206, 84/10/18, 8411080572.

841150159 Forwards Insp Rept 50-206/84-28 on 841001-04 & notice of violation.
BISHOP, T.W. Region 5, Office of Director. 84/10/24. BASKIN, K.P.
Southern California Edison Co. 2pp. 27529:354. 24X
Fiche: 50-206, 84/10/24, 841150159.

--841150162 Notice of violation from insp on 841001-04.
YOUNG, T. Region 5, Office of Director. 84/10/24. 1p. 27529:356.
24X Fiche: 50-206, 84/10/24, 841150159.

--841150169 Insp Rept 50-206/84-28 on 841001-04. Noncompliance noted: no seals installed in electrical conduit & cable connections to solenoid operators for reactor head & pressurizer vent valves.
BURDOIN, J.F., YOUNG, T. Region 5, Office of Director. 84/10/17. 3pp. 27529:357. 24X Fiche: 50-206, 84/10/24, 841150159.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411090251 Provides info re fire protection open items listed in Insp Repts 50-206/84-01, 50-361/84-01 & 50-362/84-01. Investigation of items & results discussed.
HAYNES, J.G. Southern California Edison Co. 84/10/26. MARTIN, J.B. Region 5, Office of Director. 3pp. 27398:020. 24X
Fiche: 50-206, 84/10/26, 8411090251.

841160282 Forwards Insp Repts 50-206/84-23, 50-361/84-26 & 50-362/84-27 on 840904-07 & 24-28. No noncompliance noted.
BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 84/10/26. BASKIN, K.P. Southern California Edison Co. 2pp. 27545:001. 24X Fiche: 50-206, 84/10/26, 841160282.

--841160292 Insp Repts 50-206/84-23, 50-361/84-26 & 50-362/84-27 on 840904-07 & 24-28. No violations or deviations noted. Major areas inspected: licensee action on TMI action plan requirements & IE bulletins.
HAIST, D.P., JOHNSON, P.H. Region 5, Office of Director. 84/10/24. 10pp. 27545:003. 24X Fiche: 50-206, 84/10/26, 841160282.

8411090195 Advises of status of response to IE Bulletin 83-01, "Failure of Reactor Trip Breakers (Westinghouse DB-50) to Open on Automatic Trip Signal." Results of breaker surveillance testing will be submitted within 7 days of test completion.
MEDFORD, M.O. Southern California Edison Co. 84/11/01. MARTIN, J.B. Region 5, Office of Director. 2pp. 27398:206. 24X
Fiche: 50-206, 84/11/01, 8411090195.

DOCKETED ITEMS

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27447:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411140306 Forwards for review, draft SALP Repts 50-206/84-32, 50-361/84-31 & 50-362/84-32 for June 1983 - Sept 1984. Repts to be discussed at 841115 SALP Board meeting.
KIRSCH, D.F. Region 5, Office of Director. 84/11/09. HAIST, D., CHAFFEE, A., JOHNSON, P. Region 5, Office of Director. 1p. 27469:335. 24X Fiche: 50-206, 84/11/09, 8411140306.

---8411140319 Draft SALP Repts 50-206/84-32, 50-361/84-31 & 50-362/84-32 for June 1983 - Sept 1984.
* Region 5, Office of Director. 84/11/09. 31pp. 27469:336. 24X Fiche: 50-206, 84/11/09, 8411140306.

8411190327 Responds to IE Bulletin 83-01, Type DB circuit breaker maint procedure corrected, maint required in bulletin performed & breaker surveillance testing repeated.
HEDFORD, M.O. Southern California Edison Co. 84/11/09. MARTIN, J.B. Region 5, Office of Director. 2pp. 27554:172. 24X Fiche: 50-206, 84/11/09, 8411190327.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

841150215 Monthly operating rept for Sept 1984, W/841011 ltr.
MAYWEATHER, L.I., HAYNES, J.G. Southern California Edison Co. 84/09/30. 6pp. 27529:336. 24X Fiche: 50-206, 84/09/30, 841150215.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27239:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

841130029 LER 84-010-00: on 840930, while performing boric acid flow verification for transfer pumps, north transfer pump had low flow/low discharge pressure. Caused by gas binding. Pump flushed w/primary water. Procedures revised. W/841029 ltr.
HAYNES, J.G. Southern California Edison Co. 84/10/29. 4pp. 27461:120. 24X Fiche: 50-206, 84/10/29, 841130029.

8411160611 LER 84-011-00: on 841004, 15 & 18, four temporary change notices not approved within 14 days as required by Tech Spec 6.8.3.c. Caused by personnel error. Addl training & verification points implemented. W/841029 ltr.
HAYNES, J.G. Southern California Edison Co. 84/10/29. 3pp. 27545:014. 24X Fiche: 50-206, 84/10/29, 8411160611.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27466:348. 24X Fiche: 50-000, 84/11/01, 8411140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C.L. Duke Power Co. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C.L. Consumers Power Co. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

8411140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C.L. Duke Power Co. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27469:181. 24X Fiche: 50-000, 84/11/06, 8411140344.

841150011 Confirms info given to D Dinger of BNHL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C.L. Duke Power Co. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 841150011.

8411200451 LER 84-012-00: on 841010, inoperability of RHR sys occurred when component cooling water aligned to MX did not have saltwater flow. Caused by inadequate plant status info. Procedures revised. W/841109 ltr.
HAYNES, J.G. Southern California Edison Co. 84/11/09. 5pp. 27584:281. 24X Fiche: 50-206, 84/11/09, 8411200451.

8411280341 LER 84-013-00: on 841014, midpoint sample not taken during liquid radwaste discharge. Caused by failure to recalculate midpoint after authorized increase in release rate. Procedure revised & sampling frequencies increased. W/841109 ltr.
HAYNES, J.G. Southern California Edison Co. 84/11/09. 2pp. 27689:145. 24X Fiche: 50-206, 84/11/09, 8411280341.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C.L. Duke Power Co. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411260196 PNO-V-84-021: on 841116, spurious safety injection actuation experienced while conducting hot functional testing w/unit at normal temp. Caused by voltage transient on 4160-volt bus.
JOHNSON, P.H., HAIST, D. Region 5, Office of Director. 84/11/19. 1p. 27615:111. 24X Fiche: 50-206, 84/11/19, 8411260196.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

---8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

V. Operator Examinations

8411260202 Advises that written operator licensing exams scheduled for 850203 & oral exams scheduled for 850206-08. List of required ref matl encl. License applications required 60 days prior to exams.
PATE, R. J. Region 5. Office of Director. 84/11/21. RAY, H. B. Southern California Edison Co. 5pp. 27616:024. 24X
Fiche: 50-206, 84/11/21, 8411260202.

DOCKET 50-213 HADDAM NECK PLANT

F. Security, medical, emergency & fire protection plans

8411050284 Rev 13 to emergency plan.
* Connecticut Yankee Atomic Power Co. 84/09/20. EISENHUT, D. NRC - No Detailed Affiliation Given. 200pp. 27302:001. 24X
Fiche: 50-213, 84/09/20, 8411050284.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region I.
MURLEY, T. E. Region 1. Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. BRONS, J. C. Power Authority of the State of New York. HARTER, E. S. Eastman Kodak Co. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411190438 Application for amend to License DPR-61, revising Tech Specs to defer commitment re NUREG-0737, Item III.D.3.4, "Control Room Habitability," per Generic Ltr 82-10. Fee paid.
COUNCIL, W. G., SEARS, C. F. Connecticut Yankee Atomic Power Co. 84/11/07. ZWOLINSKI, J. A. Operating Reactors Branch 5. 4pp. 27553:027. 24X Fiche: 50-213, 84/11/07, 8411190438.

--8411190444 Proposed Tech Specs, deferring commitment re NUREG-0737, Item III.D.3.4, "Control Room Habitability," per Generic Ltr 82-10.
* Connecticut Yankee Atomic Power Co. 84/11/07. 1p. 27553:031. 24X Fiche: 50-213, 84/11/07, 8411190438.

8411200204 Submits addl info re technical support ctr location re Suppl 1 to NUREG-0737, per WA Paulson 840911 request. Encl withheld (ref 10CFR73.21).
COUNCIL, W. G. Connecticut Yankee Atomic Power Co. 84/11/13. ZWOLINSKI, J. A. Operating Reactors Branch 5. 5pp. 27577:132. 24X
Fiche: 50-213, 84/11/13, 8411200204.

8411290005 Forwards exemption from 10CFR50, App R, Subsections III.G.2 re fire barrier suppression requirements & III.G.3 specifying alternative shutdown capabilities when Subsection III.G.2 requirements can not be met. SER encl.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/14. COUNCIL, W. G. Connecticut Yankee Atomic Power Co. 4pp. 27720:001. 24X
Fiche: 50-213, 84/11/14, 8411290005.

--8411290011 Exemption from requirements of 10CFR50, App R, Subsections III.G.2 & III.G.3 re fire barrier suppression requirements & alternative shutdown capabilities, respectively.
EISENHUT, D. O. Division of Licensing. 84/11/14. Connecticut Yankee Atomic Power Co. 16pp. 27720:005. 24X
Fiche: 50-213, 84/11/14, 8411290005.

--8411290020 SER supporting exemption from requirements of 10CFR50, App R, Subsections III.G.2 & III.G.3 re fire barrier suppression requirements & alternative shutdown capabilities, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/11/14. 25pp. 27720:021. 24X Fiche: 50-213, 84/11/14, 8411290005.

P. Operating license stage documents & correspondence

8411140386 Summarizes concerns & responses to concerns raised in util 840702 ltr re NRC position on placing limits for overtime in plant Tech Specs. Commitment to propose suitable Tech Specs for each plant over next 6 months requested.
MILLER, J. R. Operating Reactors Branch 3. 84/10/16. COUNCIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 27523:009. 24X Fiche: 50-000, 84/10/16, 8411140386.

8411010335 Submits addl info re resolution of SER open items on environ qualification documentation deficiencies for safety-related electrical equipment discussed at 840410 meeting. List of meeting handouts & revised work sheets encl.
COUNCIL, W. G., SEARS, C. F. Connecticut Yankee Atomic Power Co. 84/10/19. EISENHUT, D. O. Division of Licensing. 50pp. 27232:069. 24X Fiche: 50-213, 84/10/19, 8411010335.

8411140164 Provides clarification for util conclusion that satisfactory integrated leak rate test conducted, in response to NRC concerns. Util utilized conservative evaluation criteria. Addl integrated leak rate test unnecessary.
COUNCIL, W. G., SEARS, C. F. Connecticut Yankee Atomic Power Co. 84/10/19. MURLEY, T. E. Region 1. Office of Director. 7pp. 27464:204. 24X Fiche: 50-213, 84/10/19, 8411140164.

8411050425 Addresses commitments made during recent telcon re 1984 App J Type A test, including documentation of test results, performance of integrated leak rate test & proposed enhancements to local leak rate test.
COUNCIL, W. G. Connecticut Yankee Atomic Power Co. COUNCIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 84/10/24. MURLEY, T. E. Region 1. Office of Director. 2pp. 27277:158. 24X Fiche: 50-213, 84/10/24, 8411050425.

8411080199 Informs of inadvertent inclusion of component cooling water sys in Table 1 of 840905 ltr re ESFs & reactor protection sys. Component cooling water sys no longer essential to support of ESF sys. W/ corrected tables.
COUNCIL, W. G. Connecticut Yankee Atomic Power Co. 84/10/25. PAULSON, W. A. Operating Reactors Branch 5. 3pp. 27390:067. 24X
Fiche: 50-213, 84/10/25, 8411080199.

8411190438 Application for amend to License DPR-61, revising Tech Specs to defer commitment re NUREG-0737, Item III.D.3.4, "Control Room Habitability," per Generic Ltr 82-10. Fee paid.
COUNCIL, W. G., SEARS, C. F. Connecticut Yankee Atomic Power Co. 84/11/07. ZWOLINSKI, J. A. Operating Reactors Branch 5. 4pp. 27553:027. 24X Fiche: 50-213, 84/11/07, 8411190438.

--8411190444 Proposed Tech Specs, deferring commitment re NUREG-0737, Item III.D.3.4, "Control Room Habitability," per Generic Ltr 82-10.
* Connecticut Yankee Atomic Power Co. 84/11/07. 1p. 27553:031. 24X Fiche: 50-213, 84/11/07, 8411190438.

8411190403 Discusses commitments in response to SEP Topic III-10.A, "Thermal Overload Protection for Motor-Operated Valves." Need to replace motor operators & schedule for completion will be determined by integrated safety assessment program.
COUNCIL, W. G., SEARS, C. F. Connecticut Yankee Atomic Power Co. 84/11/08. ZWOLINSKI, J. A. Operating Reactors Branch 5. 2pp. 27551:168. 24X Fiche: 50-213, 84/11/08, 8411190403.

8411210269 Forwards request for addl info re degraded grid voltage procedures for Class IE power sys. Info needed in order to complete NRC review of 830203 ltr. Addl info requested within 30 days of ltr receipt.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/19. COUNCIL, W. G. Connecticut Yankee Atomic Power Co. 3pp. 27591:136. 24X
Fiche: 50-213, 84/11/19, 8411210269.

8411290114 Forwards request for addl info re Generic Ltr 83-28, Items 4.2.1 & 4.2.2, re adequacy of periodic maint & trending programs & Items 4.3 & 4.5 re reactor trip sys Info reliability. Info requested within 30 days.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/28. COUNCIL, W. G. Connecticut Yankee Atomic Power Co. 6pp. 27678:209. 24X
Fiche: 50-213, 84/11/28, 8411290114.

G. Inspection reports, IE Bulletins & correspondence

841120085 Forwards Insp Rept 50-213/84-13 on 840717-20. No violations noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/17. COUNCIL, W. G. Connecticut Yankee Atomic Power Co. 2pp. 27437:237. 24X Fiche: 50-213, 84/10/17, 841120085.

--841120090 Insp Rept 50-213/84-13 on 840717-20. No violations noted. Major areas inspected: containment leakage testing program including local leak rate test procedures & containment integrated leak rate test.
VITTO, D. J. Region 1. Office of Director. BETTENHAUSEN, L. Division of Engineering & Technical Programs. 84/09/20. 6pp. 27437:239. 24X Fiche: 50-213, 84/10/17, 841120085.

8411140460 Forwards Insp Rept 50-213/84-18 on 840806-09. No violation noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/24. COUNCIL, W. G. Connecticut Yankee Atomic Power Co. 2pp. 27494:090. 24X Fiche: 50-213, 84/10/24, 8411140460.

--8411140462 Insp Rept 50-213/84-18 on 840806-09. No violation noted. Major areas inspected: 840801 loss of offsite power & subsequent corrective actions.
WOODARD, C. H., PAULITZ, F. P., ANDERSON, C. J. Region 1. Office of Director. 84/10/03. 12pp. 27494:092. 24X Fiche: 50-213, 84/10/24, 8411140460.

DOCKETED ITEMS

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411200074 Forwards Insp Rept 50-213/84-19 on 840815-17. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/26. COUNCIL, W.G. Connecticut Yankee Atomic Power Co. 2pp. 27585:146. 24X Fiche: 50-213, 84/10/26, 8411200074.

--8411200079 Insp Rept 50-213/84-19 on 840815-17. No noncompliance or deviations noted. Major area inspected: licensee corrective & preventive measures of operating procedures under electric grid voltage conditions.
ANDERSON, C.J., PAULITZ, F.P., ROBERTSON, J.A. Region 1, Office of Director. 84/10/17. 5pp. 27585:148. 24X Fiche: 50-213, 84/10/26, 8411200074.

8411200127 Forwards Insp Rept 50-213/84-21 on 840828-31. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/26. COUNCIL, W.G. Connecticut Yankee Atomic Power Co. 2pp. 27585:219. 24X Fiche: 50-213, 84/10/26, 8411200127.

--8411200131 Insp Rept 50-213/84-21 on 840828-31. No violations noted. Major areas inspected: adequacy of inservice insp program.
KERCH, H.W. Region 1, Office of Director. DURR, J.P. Division of Engineering & Technical Programs. 84/10/10. 5pp. 27585:221. 24X Fiche: 50-213, 84/10/26, 8411200127.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411190313 Notification of Significant Licensee Meeting 84-107 on 841130 w/utill in King of Prussia, PA to discuss findings of 841022 special Radiation Protection Insp 50-213/84-24.
CIOFFI, J.A. Region 1, Office of Director. 84/11/07. Region 1, Office of Director. 2pp. 27583:359. 24X Fiche: 50-213, 84/11/07, 8411190313.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27447:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411150341 Monthly operating rept for Sept 1984, W/841015 ltr.
DEAN, C.B., GRAVES, R.H. Connecticut Yankee Atomic Power Co. 84/09/30. 10pp. 27529:142. 24X Fiche: 50-213, 84/09/30, 8411150341.

S. Reportable occurrences, LERs & related correspondence

8411010086 Requests submittal of fee for review of 840823 & 31 ltrs, providing info re failure of reactor cavity seal ring & corrective action.
DIQGS, R.M. License Fee Management Branch. 84/10/23. COUNCIL, W.G. Connecticut Yankee Atomic Power Co. 1p. 27271:349. 24X Fiche: 50-213, 84/10/23, 8411010086.

8411130493 LER 84-017-00: on 841004, 15-conductor interconnection cable found in degraded condition. Caused by chipped off insulation due to improper handling. All cable replaced. W/841101 ltr.
DANIELSON, B.R., GRAVES, R.H. Connecticut Yankee Atomic Power Co. 84/11/01. 3pp. 27459:116. 24X Fiche: 50-213, 84/11/01, 8411130493.

8411140567 LER 84-018-00: on 841008, fire door found propped open w/small hose. Hose removed & door returned to operable condition. Requirements for fire door & barriers addressed in employee annual retraining. W/841105 ltr.
BRANSFIELD, T.J., GRAVES, R.H. Connecticut Yankee Atomic Power Co. 84/11/05. 3pp. 27495:142. 24X Fiche: 50-213, 84/11/05, 8411140567.

8411090201 Forwards application fee for review of 840823 & 31 ltrs re failure of plant reactor cavity seal ring, in response to 841023 request.
COUNCIL, W.G. Connecticut Yankee Atomic Power Co. 84/11/06. DIQGS, R.M. Office of Administration. 1p. 27398:159. 24X Fiche: 50-213, 84/11/06, 8411090201.

8411290330 LER 84-020-00: on 841013, unqualified technician assigned to provide radiation worker protection & appropriate procedures not followed. Technician terminated. Rept instructions will be revised to detail responsibilities. W/841113 ltr.
CLOW, H.E., COUNCIL, W.G. Connecticut Yankee Atomic Power Co. 84/11/13. 9pp. 27676:289. 24X Fiche: 50-213, 84/11/13, 8411290330.

8411260528 LER 84-019-00: on 841016, discovered operating post-accident sample sys. per NUREG-0737, in violation of Tech Specs. Cause unknown. Containment atmosphere post-accident sample sys operation suspended indefinitely. W/841115 ltr.
GARLINGTON, D.C., GRAVES, R.H. Connecticut Yankee Atomic Power Co. 84/11/15. 3pp. 27645:015. 24X Fiche: 50-213, 84/11/15, 8411260528.

DOCKET 50-219 OYSTER CREEK NUCLEAR POWER PLANT

F. Security, medical, emergency & fire protection plans

8411090402 Forwards Insp Rept 50-219/84-18 on 840601-30 & notice of violation.
GREENMAN, E.G. Division of Project & Resident Programs. 84/10/16. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27416:268. 24X Fiche: 50-219, 84/10/16, 8411090402.

--8411090407 Notice of violation from insp on 840601-30.
* Region 1, Office of Director. 84/10/16. 1p. 27416:270. 24X Fiche: 50-219, 84/10/16, 8411090402.

--8411090411 Insp Rept 50-219/84-18 on 840601-30. Violation noted: contract guard took package into physical security area w/o package being searched.
COWELL, C., WECHSELBERGER, CONNER, E.L. Region 1, Office of Director. 84/10/03. 8pp. 27416:271. 24X Fiche: 50-219, 84/10/16, 8411090402.

8411130110 Forwards Safeguards Insp Rept 50-219/84-23 on 840806-10 & notice of violation.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/17. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27460:149. 24X Fiche: 50-219, 84/10/17, 8411130110.

--8411130115 Notice of violation from insp on 840806-10. Safeguards info deleted (ref 10CFR73.21).
* Region 1, Office of Director. 84/10/17. 2pp. 27460:151. 24X Fiche: 50-219, 84/10/17, 8411130110.

--8411130122 Safeguards Insp Rept 50-219/84-23 on 840806-10. Major areas inspected: security plan & implementing procedures, security mgt & organization, access control, physical barriers & maint & testing. Safeguards info deleted (ref 10CFR73.21).
DUNLAP, J.W., KEIMIG, R.R. Region 1, Office of Director. 84/10/15. 7pp. 27460:153. 24X Fiche: 50-219, 84/10/17, 8411130110.

8411010354 Application to amend License DPR-16, consisting of Tech Spec Change Request 128, requiring audit of fire protection program & activities under operational QA plan every 24 months per Generic Ltr 82-21.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/10/24. Office of Nuclear Reactor Regulation, Director. 5pp. 27229:163. 24X Fiche: 50-219, 84/10/24, 8411010354.

--8411010361 Proposed Tech Spec Change Request 128, requiring audit of fire protection program & activities under operational QA plan every 24 months.
* General Public Utilities - GPU Service Corp. 84/10/24. 3pp. 27229:168. 24X Fiche: 50-219, 84/10/24, 8411010354.

DOCKETED ITEMS

25

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. RANDAZZA, J.B. Maine Yankee Atomic Power Co. LICHTENBERGER Combustion Engineering, Inc. 36pp. 27605:338. 24X Fiche:50-000,84/11/02,8411210079.

8411290517 Forwards Insp Rept 50-219/84-21 on 840723-27 & notice of deviation.
MARTIN, T.T. Region 1, Office of Director. 84/11/06. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27722:001. 24X Fiche:50-219,84/11/06,8411290517.

--8411290525 Notice of violation from insp on 840723-27.
* Region 1, Office of Director. 84/11/06. 1p. 27722:003. 24X Fiche:50-219,84/11/06,8411290517.

--8411290528 Insp Rept 50-219/84-21 on 84723-27. Deviation noted: failure to seal penetration in reactor bldg southwest stairwell.
KRASOPOULOS, A., ANDERSON, C.J. Region 1, Office of Director. 84/10/04. 10pp. 27722:004. 24X Fiche:50-219,84/11/06,8411290517.

8411260404 Notification of 841128 meeting w/util & Science Applications, Inc in Forked River, NJ to continue preimplementation audit of detailed control room design review.
DONOHEW, J.N. Operating Reactors Branch 5. 84/11/21. ZWOLINSKI, J.A. Operating Reactors Branch 5. 3pp. 27610:101. 24X Fiche:50-219,84/11/21,8411260404.

P. Operating license stage documents & correspondence

8305250011 Trip rept of 830511 visit to New York City, NY re data for "Priority Concerns of Licensed Nuclear Operators at TMI & Oyster Creek & Suggested Action Steps," prepared for GPU by Rohrer, Hibler & Replogle, Inc.
CROCKER, L.P. Licensee Qualifications Branch. 83/05/13. BOOHER, H.R. Licensee Qualifications Branch. 3pp. 27651:242. 24X Fiche:50-000,83/05/13,8305250011.

8411010354 Application to amend License DPR-16, consisting of Tech Spec Change Request 128, requiring audit of fire protection program & activities under operational GA plan every 24 months per Generic Ltr 82-21.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/10/24. Office of Nuclear Reactor Regulation, Director. 5pp. 27229:163. 24X Fiche:50-219,84/10/24,8411010354.

--8411010361 Proposed Tech Spec Change Request 128, requiring audit of fire protection program & activities under operational GA plan every 24 months.
* General Public Utilities - GPU Service Corp. 84/10/24. 3pp. 27229:168. 24X Fiche:50-219,84/10/24,8411010354.

8411010276 Confirms agreement to replace trip units of feeder breakers for Vital Buses VMCC-1A2 & 1B2 during first unscheduled plant shutdown, per SEP Topic VI-7. C.1, App K re electrical instrumentation & control re-review.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/10/25. PAULSON, W. Operating Reactors Branch 5. 2pp. 27229:360. 24X Fiche:50-219,84/10/25,8411010276.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche:50-000,84/10/26,8410290050.

8411160468 Requests fee for NRC review of 840925 application for amend to License DPR-16, revising Tech Specs to incorporate acceptance criteria for combined leakage rate of penetrations & isolation valves subj to Types B & C testing.
DIGGS, R.M. License Fee Management Branch. 84/11/09. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 1p. 27565:360. 24X Fiche:50-219,84/11/09,8411160468.

8411280605 Forwards SER re proposed resolution of integrated plant safety assessment rept (NUREG-0822), Section 4.25, App K on electrical instrumentation & control re reviews. Replacement of feeder breakers scheduled for first shutdown.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/16. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27689:131. 24X Fiche:50-219,84/11/16,8411280605.

--8411280606 SER re proposed resolution of integrated plant safety assessment rept (NUREG-0822) Section 4.25, App K concerning electrical instrumentation & control re reviews. Corrective actions acceptable.
* Operating Reactors Branch 5. 84/11/16. 2pp. 27689:133. 24X Fiche:50-219,84/11/16,8411280605.

8411270262 Forwards followup to 831114 & 840816 submittals addressing concerns in Generic Ltr 83-28 re equipment classification & vendor interface, post-maint testing & reactor trip sys reliability.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/11/20. Division of Licensing. 3pp. 27628:276. 24X Fiche:50-219,84/11/20,8411270262.

8411280140 Forwards revised Tech Spec Page 5.3-1 of Amend 77 to License DPR-16 issued on 841029. Page did not include changes issued in Amend 76.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/26. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27658:079. 24X Fiche:50-219,84/11/26,8411280140.

--8411280144 Revised Tech Spec Page 5.3-1 of Amend 77 to License DPR-16, including changes issued in Amend 76 covering spent fuel storage.
* NRC - No Detailed Affiliation Given. 84/11/26. 1p. 27658:081. 24X Fiche:50-219,84/11/26,8411280140.

G. Inspection reports, IE Bulletins & correspondence

8411160137 Advises that containment spray sys & reactor bldg closed CWS mods will be completed during present outage, per 841026 response to Insp Rept 50-219/81-08. Svc water sys mod deferred to following outage.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 83/11/14. MARTIN, T.T. Division of Engineering & Technical Programs. 2pp. 27543:187. 24X Fiche:50-219,83/11/14,8411160137.

8411090402 Forwards Insp Rept 50-219/84-18 on 840601-30 & notice of violation.
GREENMAN, E.G. Division of Project & Resident Programs. 84/10/16. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27416:268. 24X Fiche:50-219,84/10/16,8411090402.

--8411090407 Notice of violation from insp on 840601-30.
* Region 1, Office of Director. 84/10/16. 1p. 27416:270. 24X Fiche:50-219,84/10/16,8411090402.

--8411090411 Insp Rept 50-219/84-18 on 840601-30. Violation noted: contract guard took package into physical security area w/o package being searched.
COWGILL, C., WECHSELBERGER, CONNER, E.L. Region 1, Office of Director. 84/10/03. 8pp. 27416:271. 24X Fiche:50-219,84/10/16,8411090402.

8411130110 Forwards Safeguards Insp Rept 50-219/84-23 on 840806-10 & notice of violation.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/17. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27460:149. 24X Fiche:50-219,84/10/17,8411130110.

--8411130115 Notice of violation from insp on 840806-10. Safeguards info deleted (ref 10CFR73.21).
* Region 1, Office of Director. 84/10/17. 2pp. 27460:151. 24X Fiche:50-219,84/10/17,8411130110.

--8411130122 Safeguards Insp Rept 50-219/84-23 on 840806-10. Major areas inspected: security plan & implementing procedures, security mgt & organization, access control, physical barriers & maint & testing. Safeguards info deleted (ref 10CFR73.21).
DUNLAP, J.W., KEIMIG, R.R. Region 1, Office of Director. 84/10/15. 7pp. 27460:153. 24X Fiche:50-219,84/10/17,8411130110.

8411190599 Forwards Exam Rept 50-219/84-27 conducted on 840820-23.
STAROSTECKI, R. Region 2, Office of Director. 84/10/18. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27567:146. 24X Fiche:50-219,84/10/18,8411190599.

--8411190600 Exam Rept 50-219/84-27 conducted on 840820-23. Exam results: all four senior reactor operator candidates passed.
BERRY, J., KELLY, R.W. Region 1, Office of Director. 84/10/16. 34pp. 27567:148. 24X Fiche:50-219,84/10/18,8411190599.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche:50-000,84/10/26,8410250031.

DOCKETED ITEMS

8411140190 Forwards updated response to 800425 IE Bulletin 79-27. Deferred mods will be completed during next refueling outage.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/10/29.
MURLEY, T.E. Region 1, Office of Director. 7pp. 27466:140. 24X
Fiche: 50-219, 84/10/29, 8411140190.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411290517 Forwards Insp Rept 50-219/84-21 on 840723-27 & notice of deviation.
MARTIN, T.T. Region 1, Office of Director. 84/11/06. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27722:001. 24X
Fiche: 50-219, 84/11/06, 8411290517.

--8411290525 Notice of violation from insp on 840723-27.
* Region 1, Office of Director. 84/11/06. 1p. 27722:003. 24X
Fiche: 50-219, 84/11/06, 8411290517.

--8411290528 Insp Rept 50-219/84-21 on 84723-27. Deviation noted: failure to seal penetration in reactor bldg southwest stairwell.
KRASOPOULOS, A., ANDERSON, C.J. Region 1, Office of Director. 84/10/04. 10pp. 27722:004. 24X Fiche: 50-219, 84/11/06, 8411290517.

8411280529 Forwards Insp Rept 50-219/84-26 on 840821-24 & 0907-14. No violation noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/07. FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27687:306. 24X Fiche: 50-219, 84/11/07, 8411280529.

--8411280535 Insp Rept 50-219/84-26 on 840821-24 & 0907-14. No violation noted. Major areas inspected: containment integrated leak rate test & local leak rate test procedures & results.
VITTO, D.J., BETTENHAUSEN, L. Region 1, Office of Director. 84/10/15. 10pp. 27687:308. 24X Fiche: 50-219, 84/11/07, 8411280529.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411270122 Provides update to 840330 ltr re soil erosion control & stabilization projects. Revegetation of portion of site east of Oyster Creek completed on 840927. Area west of Oyster Creek to be completed in 1985, per Insp Rept 50-219/80-02.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/11/09.
MURLEY, T.E. Region 1, Office of Director. 1p. 27629:333. 24X
Fiche: 50-219, 84/11/09, 8411270122.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411140437 Monthly operating rept for Sept 1984. W/841015 ltr.
NOTIGAN, D.V., FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/09/30. 10pp. 27494:163. 24X Fiche: 50-219, 84/09/30, 8411140437.

8411260172 Discharge monitoring rept for Oct 1984. No noncompliances w/ max or min effluent limitation during reporting period noted. W/841109 ltr.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/10/31.
GASTON, J. New Jersey, State of. 12pp. 27645:272. 24X
Fiche: 50-219, 84/10/31, 8411260172.

S. Reportable occurrences, LERs & related correspondence

8411020053 Special Rept 84-02: on 840710, loss of redundancy occurred in fire suppression water sys when fire diesel pump 1-2 inoperable for 11 days. Caused by blower coupling failure due to end-of-life normal wear. Lower coupling B replaced.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/10/11.
MURLEY, T.E. Region 1, Office of Director. 2pp. 27257:257. 24X
Fiche: 50-219, 84/10/11, 8411020053.

8411030732 LER 84-009-00: on 840922, secondary containment integrity degraded while contractor personnel opened both doors of reactor bldg personnel access airlock to transport pipe. Caused by personnel error. Personnel counseled. W/841022 ltr.
BASS, K., FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/10/22. 4pp. 27279:358. 24X Fiche: 50-219, 84/10/22, 8411030732.

8411120161 LER 84-021-00: on 840825, bolted fault occurred when control switch closed causing trip of pump & flash which caused sufficient ground current flow to trip main 4160-volt bus breaker 1C. Caused by personnel error. W/841030 ltr.
JONES, D.W., FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/10/30. 7pp. 27436:195. 24X Fiche: 50-219, 84/10/30, 8411120161.

8411160223 LER 83-009/01x-1: on 830222, ten valves & one gasket discovered w/leakage in excess of acceptance criteria. Caused by valve internal deterioration & malaligned stem. Valves, stems, seats, plugs or seals replaced. W/841102 ltr.
HUTKO, K., FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/11/02. 4pp. 27546:031. 24X Fiche: 50-219, 84/11/02, 8411160223.

8411140251 NPDES noncompliance notification: on 840915-30, required tide gauge reading not taken when four circulating water pumps operating continuously during outage. Procedure will be revised to ensure required tide gauge reading taken.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/11/07.
GASTON, J. New Jersey, State of. 2pp. 27469:320. 24X
Fiche: 50-219, 84/11/07, 8411140251.

8411280348 LER 84-022-00: on 841016, three scram discharge vol vents & drain valves exceeded max closing time. Caused by improperly installed diaphragm in solenoid-operated air valve. Diaphragm installed correctly. W/841115 ltr.
ALLEN, M.H., FIEDLER, P.B. General Public Utilities - GPU Service Corp. 84/11/15. 4pp. 27689:147. 24X Fiche: 50-219, 84/11/15, 8411280348.

V. Operator Examinations

8411190599 Forwards Exam Rept 50-219/84-27 conducted on 840820-23.
STAROSTECKI, R. Region 2, Office of Director. 84/10/18.
FIEDLER, P.B. General Public Utilities - GPU Service Corp. 2pp. 27567:146. 24X Fiche: 50-219, 84/10/18, 8411190599.

--8411190600 Exam Rept 50-219/84-27 conducted on 840820-23. Exam results: all four senior reactor operator candidates passed.
BERRY, J., KELLY, R.W. Region 1, Office of Director. 84/10/16. 34pp. 27567:148. 24X Fiche: 50-219, 84/10/18, 8411190599.

DOCKET 50-220 NINE MILE POINT NUCLEAR STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411010105 Notifies that brigade members successfully completing program would meet requirements of Paragraph III.H of App R to 10CFR50.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/12. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27271:357. 24X
Fiche: 50-220, 84/10/12, 8411010105.

8411020143 Ack receipt of 841001 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-220/84-10.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/25.
HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27257:223. 24X
Fiche: 50-220, 84/10/25, 8411020143.

--8411020147 Responds to NRC 840801 ltr re violation noted in Insp Rept 50-220/84-10. Corrective actions: safety review & audit board will include, as part of scope, audit of emergency preparedness training program.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/01. MARTIN, T.T. Division of Engineering & Technical Programs. 3pp. 27257:225. 24X Fiche: 50-220, 84/10/25, 8411020143.

DOCKETED ITEMS

27

8411210248 Advises that sufficient justification to support 840806 request for change deleting safety review & audit board annual audit of security plan not provided. Addl info or notice to withdraw requested within 30 days.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/08. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27617:304. 24X
Fiche: 50-220, 84/11/08, 8411210248.

8411260370 Forwards Insp Rept 50-220/84-19 on 840904-07, 17-29 & 1015-1102. No violations noted.
KISTER, H.B. Division of Project & Resident Programs. 84/11/19. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27609:293. 24X
Fiche: 50-220, 84/11/19, 8411260370.

--8411260378 Insp Rept 50-220/84-19 on 840904-07, 17-29 & 1015-1102. No violations noted. Major areas inspected: licensee action on previous insp findings, operational safety verification, physical security & Generic Ltr 83-28.
HUDSON, S.D., COLLINS, S.J. Region 1, Office of Director. 84/11/16. 11pp. 27609:295. 24X Fiche: 50-220, 84/11/19, 8411260370.

J. Insurance & indemnity information

841160293 Forwards Endorsements 74 & 89 to MAELU & NELIA Policies MF-46 & NF-16, respectively.
GOLDEN, M.P. Marsh & McLennan, Inc. 84/11/12. SALTZMAN, J. Assistant Director for State & License Relations. 3pp. 27541:212. 24X Fiche: 50-220, 84/11/12, 841160293.

P. Operating license stage documents & correspondence

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X
Fiche: 50-000, 84/10/26, 8410290050.

841190026 Forwards Amend 65 to License DPR-63 & safety evaluation. Amend revises Tech Specs to make changes to Section 6.0, "Administrative Controls."
HERMANN, R.A. Operating Reactors Branch 2. 84/10/29. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27583:124. 24X
Fiche: 50-220, 84/10/29, 841190026.

--841190030 Amend 65 to License DPR-63, revising Tech Specs to make changes to Section 6.0, "Administrative Controls."
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/29. 27pp. 27583:126. 24X Fiche: 50-220, 84/10/29, 841190026.

--841190031 Safety evaluation supporting Amend 65 to License DPR-63.
* Office of Nuclear Reactor Regulation, Director. 84/10/29. 5pp. 27583:153. 24X Fiche: 50-220, 84/10/29, 841190026.

8411210456 Forwards Amend 66 to License DPR-63 & safety evaluation. Amend adds limiting conditions for operation & surveillance requirements for radiological effluents.
HERMANN, R.A. Operating Reactors Branch 2. 84/11/02. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27625:256. 24X
Fiche: 50-220, 84/11/02, 8411210456.

--8411210462 Amend 66 to License DPR-63, adding limiting condition for operation & surveillance requirements for radiological effluents.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/02. 100pp. 27625:258. 24X Fiche: 50-220, 84/11/02, 8411210456.

--8411210467 SER supporting Amend 66 to License DPR-63.
* Office of Nuclear Reactor Regulation, Director. 84/11/02. 9pp. 27625:347. 24X Fiche: 50-220, 84/11/02, 8411210456.

841140153 Application for amend to License DPR-63, revising Tech Specs to delete Page 168a in entirety re leakage rate for primary containment. Fee paid.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/05. VASSALLO, D.B. Operating Reactors Branch 2. 2pp. 27464:134. 24X
Fiche: 50-220, 84/11/05, 841140153.

--841140156 Proposed Tech Specs deleting Page 168a re reactor bldg leakage rate.
* Niagara Mohawk Power Corp. 84/11/05. 4pp. 27464:136. 24X
Fiche: 50-220, 84/11/05, 841140153.

8411280189 Forwards Amend 67 to License DPR-63 & safety evaluation. Amend revises Tech Specs to add limiting conditions for operation & surveillance requirements for equipment providing automatic initiation of diesel generators.
HERMANN, R.A. Operating Reactors Branch 2. 84/11/09. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27682:337. 24X
Fiche: 50-220, 84/11/09, 8411280189.

--8411280199 Amend 67 to License DPR-63, revising Tech Specs to add limiting conditions for operation & surveillance requirements for equipment providing automatic initiation of diesel generators.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/09. 2pp. 27682:339. 24X Fiche: 50-220, 84/11/09, 8411280189.

--8411280202 Safety evaluation supporting Amend 67 to License DPR-63.
* Office of Nuclear Reactor Regulation, Director. 84/11/09. 7pp. 27682:341. 24X Fiche: 50-220, 84/11/09, 8411280189.

8411290058 Advises that 840606 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/14. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27700:271. 24X
Fiche: 50-220, 84/11/14, 8411290058.

G. Inspection reports, IE Bulletins & correspondence

841160129 Forwards Form NIS-1 owners data rept for inservice insp rept for 1984 refuel outage, per ASME Code.
ROMAN, T.W. Niagara Mohawk Power Corp. 84/09/28. MURLEY, T.E. Region 1, Office of Director. 21pp. 27539:275. 24X
Fiche: 50-220, 84/09/28, 841160129.

8411020143 Act receipt of 841001 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-220/84-10.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/25. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27257:223. 24X
Fiche: 50-220, 84/10/25, 8411020143.

--8411020147 Responds to NRC 840801 ltr re violation noted in Insp Rept 50-220/84-10. Corrective actions: safety review & audit board will include, as part of scope, audit of emergency preparedness training program.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/01. MARTIN, T.T. Division of Engineering & Technical Programs. 3pp. 27257:225. 24X Fiche: 50-220, 84/10/25, 8411020143.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
ORACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

841160326 Forwards Insp Rept 50-220/84-14 on 840730-0803. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/26. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27545:022. 24X
Fiche: 50-220, 84/10/26, 841160326.

--841160335 Insp Rept 50-220/84-14 on 840730-0803. No violations noted. Major areas inspected: licensee implementation of listed THM task items identified in NUREG-0737, including post-accident sampling of reactor coolant atmosphere.
MILLER, M.T., HULL, A., CARSON, B. Region 1, Office of Director. 84/10/17. 31pp. 27545:024. 24X Fiche: 50-220, 84/10/26, 841160326.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

DOCKETED ITEMS

B41150054 IE Info Notice B4-82, "Guidance for Posting Radiation Areas." Svc list encl.
 JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). B4/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, B4/11/19, B41150054.

B411260370 Forwards Insp Rept 50-220/B4-19 on 840904-07, 17-29 & 1015-1102. No violations noted.
 KISTER, H.B. Division of Project & Resident Programs. B4/11/19.
 HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27609:293. 24X Fiche: 50-220, B4/11/19, B411260370.

--B411260378 Insp Rept 50-220/B4-19 on 840904-07, 17-29 & 1015-1102. No violations noted. Major areas inspected: licensee action on previous insp findings, operational safety verification, physical security & Generic Ltr 83-28.
 HUDSON, S.D., COLLINS, S.J. Region 1, Office of Director. B4/11/16. 11pp. 27609:295. 24X Fiche: 50-220, B4/11/19, B411260370.

R. Periodic operating reports & related correspondence

B41140324 Monthly operating rept for Sept 1984. W/B41009 ltr.
 ROMAN, T.W., LEMPGES, T.E. Niagara Mohawk Power Corp. B4/09/30. 6pp. 27491:251. 24X Fiche: 50-220, B4/09/30, B41140324.

S. Reportable occurrences, LERS & related correspondence

B411020433 Special rept: on 840907, insp performed on smoke purge damper D 16 revealed insufficient kaowool packing. Sys taken out of svc & fire watch set up. Damper repacked w/kaowool & angle iron reinstalled.
 LEMPGES, T.E. Niagara Mohawk Power Corp. B4/10/22. Record Services Branch (Document Control Desk). 3pp. 27274:306. 24X Fiche: 50-220, B4/10/22, B411020433.

B41150307 LER B4-016-00: on B41001, momentary grid disturbance occurred producing dip in 115 V transmission line causing frequency relays to trip. Caused by Oswego steam station attempting to put synchronous condenser in svc. W/B41102 ltr.
 RANDALL, R., LEMPGES, T.E. Niagara Mohawk Power Corp. B4/11/02. 3pp. 27329:074. 24X Fiche: 50-220, B4/11/02, B41150307.

B411260340 Responds to B41109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl.
 WINANS, G. Allied C & D Power Systems. B4/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, B4/11/12, B411260340.

B41160140 Reviews data re stuck open incidents & seat leakage of relief valves. Valve operation satisfactory, per guideline values outlined in previous BWR Owners Group analysis. Need to consider permanent changes not required.
 MANGAN, C.V. Niagara Mohawk Power Corp. B4/11/13. VASSALLO, D.B. Operating Reactors Branch 2. 3pp. 27539:075. 24X Fiche: 50-220, B4/11/13, B41160140.

DOCKET 50-223 UNIV. OF LOWELL RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region I.
 MURLEY, T.E. Region 1, Office of Director. B4/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. BEGHIAN, L.E. Lowell, Univ. of Lowell, MA. KANE, R. Manhattan College, Riverdale, NY. 36pp. 27605:338. 24X Fiche: 50-000, B4/11/02, B411210079.

IF CALIFORNIA RESEARCH REACTOR

emergency & fire protection plans

aded emergency plan

ey, CA. B4/11/09.
 jects Branch. 1p.
 190342.

DOCKET 50-225 RPI CRITICAL EXPERIMENT

F. Security, medical, emergency & fire protection plans

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region I.
 MURLEY, T.E. Region 1, Office of Director. B4/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 36pp. 27605:338. 24X Fiche: 50-000, B4/11/02, B411210079.

G. Inspection reports, IE Bulletins & correspondence

B411050386 Ack receipt of B40917 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-225/B4-01 & 70-0920/B4-01.
 MARTIN, T.T. Division of Engineering & Technical Programs. B4/10/30.
 LAHEY, R.T. Rensselaer Polytechnic Institute, Troy, NY. 2pp. 27298:267. 24X Fiche: 50-225, B4/10/30, B411050386.

B411260282 Advises that SNM moved from License CX-22 to SNM-910 by paper transfer dtd B41101. SNM shipped to Bettis Lab on B41029, in response to Insp Repts 50-225/B4-01 & 70-0920/B4-01.
 LAHEY, R.T. Rensselaer Polytechnic Institute, Troy, NY. B4/10/30.
 MARTIN, J.T. Division of Engineering & Technical Programs. 1p. 27614:062. 24X Fiche: 50-225, B4/10/30, B411260282.

DOCKET 50-228 AEROTEST RADIOGRAPHY & RESEARCH REACTOR

J. Insurance & indemnity information

B411290172 Advises that Endorsements 90 & 100 to nuclear liability insurance policy Agreement B-2 not received. Endorsements requested.
 DINITZ, I. Office of State Programs, Director. B4/11/23.
 NEWACHECK, R.L. Aerotest Operations, Inc. 1p. 27696:161. 24X Fiche: 50-000, B4/11/23, B411290172.

DOCKET 50-237 DRESDEN NUCLEAR POWER STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

B411210059 Discusses enforcement conferences on B31220 & B40215 re violations that occurred on B31023 & B40114, respectively & forwards notice of violation & proposed imposition of civil penalty.
 KEPPLER, J.G. Region 3, Office of Director. B4/05/08. O'CONNOR, J.J. Commonwealth Edison Co. 5pp. 27606:132. 24X Fiche: 50-010, B4/05/08, B411210059.

--B411210066 Notice of violation & proposed imposition of civil penalty in amount of \$40,000. Violation noted: no radiological training given to two contractor employees who entered restricted area.
 KEPPLER, J.G. Region 3, Office of Director. B4/05/08. 3pp. 27606:137. 24X Fiche: 50-010, B4/05/08, B411210059.

--B411210073 Insp Repts 50-010/B4-03, 50-237/B4-04 & 50-249/B4-03 on B40123, 24, 27, 0203 & 06. Noncompliance noted: gate door leading into cleanup demineralizer valve gallery open & area unmanned. Details withheld (ref 10CFR73.21).
 BELANGER, J.L., AXELSON, W.L. Region 3, Office of Director. B4/05/07. 2pp. 27606:151. 24X Fiche: 50-010, B4/05/08, B411210059.

B411010088 Revs to emergency plan implementing procedures, including EPIP 400-3, "Communication Sys Operation," EPIP 100-C4, "Maint Director," EPIP 100-C1, "Station Director" & EPIP 100-1, "Supervision of Emergencies..." W/B41024 ltr.
 SCOTT, D.J. Commonwealth Edison Co. B4/10/24. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 72pp. 27235:316. 24X Fiche: 50-010, B4/10/24, B411010088.

B411010363 Revised emergency plan implementing procedures including EPIP 100-C11 re environ director & EPIP 100-2 re shift turnover w/technical support ctr &/or environs teams activated. W/B41024 ltr.
 SCOTT, D.J. Commonwealth Edison Co. B4/10/24. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 57pp. 27229:204. 24X Fiche: 50-010, B4/10/24, B411010363.

B41150069 Forwards "Dresden Station Emergency Operating Procedures Generation Package." Package includes plant specific technical guidelines, emergency procedures, writers guide & verification & validation of emergency procedures.
 RYBAK, B. Commonwealth Edison Co. B4/10/30. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27303:153. 24X Fiche: 50-237, B4/10/30, B41150069.

DOCKETED ITEMS

29

--B411150071 "Dresden Station Emergency Operating Procedures Generation Package."
* Commonwealth Edison Co. 84/10/30. 168pp. 27503:157. 24X
Fiche:50-237,84/10/30,8411150059.

B411160334 Revised environ emergency plan implementing procedures including EQ-1 re coordination of environ group activities & EQ-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR.
THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022. 24X Fiche:50-000,84/10/31,8411160334.

B411200205 Rev 3 to emergency plan annex.
* Commonwealth Edison Co. 84/11/30. 75pp. 27578:294. 24X
Fiche:50-010,84/11/30,8411200205.

P. Operating license stage documents & correspondence

B411200151 Forwards Rev 7 to DTS 1600-7, "Unit 2/3 Integrated Primary Containment Leak Rate Test," for review & comment. Meeting can be arranged to discuss procedure.
SCOTT, D. J. Commonwealth Edison Co. 84/10/24. KEPLER, J. G. Region 3, Office of Director. 1. 27579:143. 24X Fiche:50-237,84/10/24,8411200151.

--B411200157 Rev 7 to DTS 1600-7, "Unit 2/3 Integrated Primary Containment Leak Rate Test."
* Commonwealth Edison Co. 84/09/30. 77pp. 27579:144. 24X
Fiche:50-237,84/10/24,8411200151.

B410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X
Fiche:50-000,84/10/26,8410290050.

B411060146 Forwards monthly status rept on plant-specific backfits through Aug 1984. Proposed mods to interim procedures, reflecting more accurate appeal process, being developed.
EISENHUT, D. G. Division of Licensing. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 9pp. 27383:248. 24X
Fiche:50-000,84/10/26,8411060146.

B411150017 Advises that TMI Item III.D.3.4, "Control Room Habitability," not fully operable at facilities. In response to Generic Ltrs 82-05 & 82-10. Minor work incomplete. Sys will be operable by 841231.
RYBAK, B. Commonwealth Edison Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27504:250. 24X
Fiche:50-000,84/10/31,8411150017.

B411150002 Forwards procedure for initiation of containment spray cooling, temp analysis inputs for CONTEMP & break drywell temp analysis, in response to NRC request during 840913 meeting.
RYBAK, B. Commonwealth Edison Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 39pp. 27504:096. 24X
Fiche:50-000,84/11/05,8411150002.

B411150021 Forwards "Full-Scale Demonstration of Mobile Low Level Radwaste Vol Reduction Sys at Dresden Nuclear Power Station." Requests NRC approval for use of sys by 850201. Sys will be operational on 850201. Fee paid.
RYBAK, B. Commonwealth Edison Co. 84/11/07. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27504:259. 24X
Fiche:50-237,84/11/07,8411150021.

--B411150029 "Full-Scale Demonstration of Mobile Low Level Radwaste Vol Reduction Sys at Dresden Nuclear Power Station."
COLEY, R. F., ADAM, D. A., EGGETT, D. R. Commonwealth Edison Co. 84/11/07. 15pp. 27504:260. 24X Fiche:50-237,84/11/07,8411150021.

B411200211 Forwards rept re Cycle 9 monitoring program to quantify benefits of hydrogen water chemistry & to monitor specific plant parameters. Rept suggests that IGSCC eliminated since start of current fuel cycle. W/o encl.
RYBAK, B. Commonwealth Edison Co. 84/11/09. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27577:185. 24X
Fiche:50-237,84/11/09,8411200211.

B411200211 Forwards rept re Cycle 9 monitoring program to quantify benefits of hydrogen water chemistry & to monitor specific plant parameters. Rept suggests that IGSCC eliminated since start of current fuel cycle.
RYBAK, B. Commonwealth Edison Co. 84/11/09. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27577:185. 24X
Fiche:50-237,84/11/09,8411200211.

--B411260383 "Dresden-2 Hydrogen Water Chemistry Program: Assessment of Plant Operation During Initial Fuel Cycle Through Jul 1984."
COWAN, R. L., HUFF, J. M., KASS, J. N. General Electric Co. 84/10/31. 100pp. 27824:170. 24X Fiche:50-237,84/11/09,8411200211.

G. Inspection reports, IE Bulletins & correspondence

B411210059 Discusses enforcement conferences on 831220 & 840215 re violations that occurred on 831025 & 840114, respectively & forwards notice of violation & proposed imposition of civil penalty.
KEPLER, J. G. Region 3, Office of Director. 84/05/08. O'CONNOR, J. J. Commonwealth Edison Co. 5pp. 27606:132. 24X Fiche:50-010,84/05/08,8411210059.

--B411210066 Notice of violation & proposed imposition of civil penalty in amount of \$40,000. Violation noted: no radiological training given to two contractor employees who entered restricted area.
KEPLER, J. G. Region 3, Office of Director. 84/05/08. 3pp. 27606:137. 24X Fiche:50-010,84/05/08,8411210059.

--B411210073 Insp Repts 50-010/84-03, 50-237/84-04 & 50-249/84-03 on 840123, 24, 27, 0203 & 06. Noncompliance noted: gate door leading into cleanup demineralizer valve gallery open & area unattended. Details withheld (ref 10CFR73.21).
BELANGER, J. L., MADEDA, T. J., CREED, J. R. Region 3, Office of Director. 84/05/07. 2pp. 27606:151. 24X Fiche:50-010,84/05/08,8411210059.

B411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907.
NORELIUS, C. E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 27458:325. 24X Fiche:50-000,84/10/16,841130238.

--B411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16... on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites.
SUERMANN, J. F., WRIGHT, G. C. Region 3, Office of Director. 84/10/12. 5pp. 27458:328. 24X Fiche:50-000,84/10/16,841130238.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche:50-000,84/10/26,8410250031.

B411060342 Ack receipt of 841019 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-010/84-11, 50-237/84-13 & 50-249/84-12.
* Region 3, Office of Director. 84/10/30. Commonwealth Edison Co. 1p. 27321:122. 24X Fiche:50-010,84/10/30,8411060342.

--B411060352 Responds to NRC 840920 ltr re violations noted in Insp Repts 50-010/84-11, 50-237/84-13 & 50-249/84-12. Corrective actions: annunciator alarm procedures for floor drain surge tank & sump high level alarms will be revised.
FARRAR, D. L. Commonwealth Edison Co. 84/10/19. KEPLER, J. G. Region 3, Office of Director. 7pp. 27321:123. 24X
Fiche:50-010,84/10/30,8411060342.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche:50-000,84/11/02,8411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche:50-000,84/11/05,8411010487.

B411290418 Forwards Insp Repts 50-010/84-15, 50-237/84-18 & 50-249/84-17 on 840912-1017 & notice of violation.
SHAFER, W. D. Region 3, Office of Director. 84/11/06. REED, C. Commonwealth Edison Co. 2pp. 27721:202. 24X Fiche:50-010,84/11/06,8411290418.

--B411290419 Notice of violation from insp on 840912-1017.
SHAFER, W. D. Region 3, Office of Director. 84/11/06. 2pp. 27721:204. 24X Fiche:50-010,84/11/06,8411290418.

DOCKETED ITEMS

--8411290421 Insp Repts 50-010/84-15, 50-237/84-18 & 50-249/84-17 on 840912-1017. Noncompliance noted: inadequate restoration instructions for missing battery rack end braces & discrepancy between flow rates in station procedures. CHRISSOTIMOS, N. Region 3, Office of Director. 84/11/06. 15pp. 27721:206. 24X Fiche: 50-010, 84/11/06, 8411290418.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411270042 Informs that insp date for turbine rotor B improperly chosen. Manufacturer recommended insp interval based on 4.5 yrs svc, not CY. Insp of rotor B will be performed during 1986 refueling outage per SEP Topic III-4.8. RYBAK, E. Commonwealth Edison Co. 84/11/21. GILBERT, R. A. Operating Reactors Branch 5. 1p. 27629:257. 24X Fiche: 50-237, 84/11/21, 8411270042.

R. Periodic operating reports & related correspondence

8411060308 "Annual Operating Rept for 1982 & 1983." W/840801 ltr. SCOTT, D. J. Commonwealth Edison Co. 83/12/31. 46pp. 27351:001. 24X Fiche: 50-010, 83/12/31, 8411060308.

8411200018 Monthly operating repts for Oct 1984. W/841101 ltr. MAXWELL, D. C., SCOTT, D. J. Commonwealth Edison Co. 84/10/31. 18pp. 27585:244. 24X Fiche: 50-010, 84/10/31, 8411200018.

S. Reportable occurrences, LERs & related correspondence

8411120117 LER 84-018-00: on 841004, fire equipment monthly insp incomplete. Caused by oversight of five missing items. Five items inspected & surveillance completed on 841004. W/841029 ltr. MERRITT, S., SCOTT, D. J. Commonwealth Edison Co. 84/10/29. 3pp. 27437:210. 24X Fiche: 50-237, 84/10/29, 8411120117.

8411160337 LER 84-020-00: on 841010, two hose station root valves, F67A & F80B discovered valved out during walkdown. Valves opened immediately. Revised procedures omitted surveillance of root valve position. Procedures revised. W/841107 ltr. MERRITT, S., SCOTT, D. J. Commonwealth Edison Co. 84/11/07. 3pp. 27544:338. 24X Fiche: 50-237, 84/11/07, 8411160337.

8411200537 LER 84-021-00: on 841012, full-in limit switch on CRD K-B jumped to prevent refueling block w/o taking rod out of svc to prevent rod movement. Caused by personnel error. Operator notified & counseled. W/841108 ltr. KIM, D., SCOTT, D. J. Commonwealth Edison Co. 84/11/08. 3pp. 27586:182. 24X Fiche: 50-237, 84/11/08, 8411200537.

8411270387 PNO-III-84-100: on 841121 during routine search of employee entering security area, loaded revolver discovered in employee duffle bag. Licensee investigating incident. State of IL will be notified. CREED, J., AXELSON, W. Region 3, Office of Director. 84/11/21. 1p. 27628:294. 24X Fiche: 50-010, 84/11/21, 8411270387.

DOCKET 50-243 OREGON STATE UNIV. RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

8411050084 Forwards minor rev to physical security plan, prepared per instructions in Generic Ltrs 84-18 & 82-39. Rev withheld (ref 10CFR2.790). WANG, C. H. Oregon State Univ., Corvallis, OR. 84/10/22. Region 5, Office of Director. 2pp. 27301:357. 24X Fiche: 50-243, 84/10/22.

DOCKET 50-244 ROBERT EMMET GINNA NUCLEAR PLANT, UNIT 1

E. NRC Safety Evaluation Report (SER), suppl's & correspondence

8411010142 Forwards SSER 1 (NUREG-0944) re request for full term OL. Suppl updates results of ACRS review & updates remainder of SER to 840901. PAULSON, W. A. Operating Reactors Branch 5. 84/10/17. KOBER, R. W. Rochester Gas & Electric Corp. 2pp. 27261:018. 24X Fiche: 50-244, 84/10/17, 8411010142.

8411080517 SAFETY EVALUATION REPORT RELATED TO THE FULL-TERM OPERATING LICENSE FOR R.E. GINNA NUCLEAR POWER PLANT. Docket No. 50-244. (Rochester Gas and Electric) * Division of Licensing. NUREG-0944 S01. 84/10/31. 40pp. Available at NRC. \$4.00. 27402:237. 24X Fiche: 50-244, 84/10/31, 8411080517.

F. Security, medical, emergency & fire protection plans

8411080287 Forwards "Detailed Control Room Design Review Program Plan." in response to Item 5 of requirements specified in Suppl 1 to NUREG-0737 & Item 2a of 840612 conformity order. KOBER, R. W. Rochester Gas & Electric Corp. 84/10/31. ZWOLINSKI, J. Operating Reactors Branch 5. 1p. 27391:331. 24X Fiche: 50-244, 84/10/31, 8411080287.

--8411080290 "Detailed Control Room Design Review Program Plan." * Rochester Gas & Electric Corp. 84/10/31. 87pp. 27391:332. 24X Fiche: 50-244, 84/10/31, 8411080287.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1. MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411210272 Advises that control room habitability mods, required to meet NUREG-0737, Item III.D.3.4, approved for implementation by NRC 830411 ltr completed by 840930. KOBER, R. W. Rochester Gas & Electric Corp. 84/11/15. ZWOLINSKI, J. Operating Reactors Branch 5. 1p. 27591:140. 24X Fiche: 50-244, 84/11/15, 8411210272.

D. Advisory Committee on Reactor Safeguards reports & correspondence

8410240250 Forwards request for exemption from considering large RCS primary loop pipe breaks in structural design basis (GDC-4), in response to Generic Ltr 84-04, Generic Issue A-2. "Asymmetric Blowdown Loads on PWR Primary Sys" resolved. KOBER, R. W. Rochester Gas & Electric Corp. 84/10/17. PAULSON, W. A. Operating Reactors Branch 5. 7pp. 27123:207. 24X Fiche: 50-244, 84/10/17, 8410240250.

P. Operating license stage documents & correspondence

8410240250 Forwards request for exemption from considering large RCS primary loop pipe breaks in structural design basis (GDC-4), in response to Generic Ltr 84-04, Generic Issue A-2. "Asymmetric Blowdown Loads on PWR Primary Sys" resolved. KOBER, R. W. Rochester Gas & Electric Corp. 84/10/17. PAULSON, W. A. Operating Reactors Branch 5. 7pp. 27123:207. 24X Fiche: 50-244, 84/10/17, 8410240250.

8411010395 Advises that per 840924 meeting w/NRC & US Tool & Die re revised seismic analysis of 840402 submittal, spent fuel storage Rack 5 weld orientations inspected & verified as consistent w/calculations in 840927 ltr. KOBER, R. W. Rochester Gas & Electric Corp. 84/10/23. PAULSON, W. A. Operating Reactors Branch 5. 1p. 27229:193. 24X Fiche: 50-244, 84/10/23, 8411010395.

8411060464 Advises that during review of 1977 design analysis, error found in calorimetric calculations. Detailed analysis of nonreactor heat inputs will be performed & adjustments made to calorimetric procedure. KOBER, R. W. Rochester Gas & Electric Corp. 84/10/23. MURLEY, T. E. Region 1, Office of Director. 2pp. 27312:318. 24X Fiche: 50-244, 84/10/23, 8411060464.

8411050270 Advises that add'l Tech Spec re leak test of containment purge/vent valves unnecessary, based on previous operating experience. No existing purge valve will serve as containment isolation valve following Spring 1986. KOBER, R. W. Rochester Gas & Electric Corp. 84/10/30. ZWOLINSKI, J. Operating Reactors Branch 5. 2pp. 27300:354. 24X Fiche: 50-244, 84/10/30, 8411050270.

DOCKETED ITEMS

31

8411090253 Forwards safety evaluation re process control program. Review of program completed & program approved for use per Tech Spec 6.16.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/07. KOBER, R. W. Rochester Gas & Electric Corp. 2pp. 27399:252. 24X Fiche: 50-244, 84/11/07, 8411090253.

--8411090258 Safety evaluation approving process control program.
* Office of Nuclear Reactor Regulation, Director. 84/11/07. 1p. 27399:254. 24X Fiche: 50-244, 84/11/07, 8411090253.

841120167 Forwards environ assessment re second mod of spent fuel pool for expansion, per 840402 request for Tech Spec amend & notice of issuance of environ assessment & finding of no significant impact.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/08. KOBER, R. W. Rochester Gas & Electric Corp. 3pp. 27429:324. 24X Fiche: 50-244, 84/11/08, 841120167.

--841120174 Environ assessment re second mod of spent fuel storage pool for License DPR-18.
* NRC - No Detailed Affiliation Given. 84/11/08. 13pp. 27429:327. 24X Fiche: 50-244, 84/11/08, 841120167.

--841120182 Notice of issuance of environ assessment & finding of no significant impact re mod of spent fuel storage pool.
CRUTCHFIELD, D. Assistant Director for Safety Assessment. 84/11/08. 3pp. 27429:340. 24X Fiche: 50-244, 84/11/08, 841120167.

841200352 Forwards Amend 65 to License DPR-18, safety evaluation & technical evaluation re: Amend increases storage capacity of spent fuel pool.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/14. KOBER, R. W. Rochester Gas & Electric Corp. 3pp. 27573:190. 24X Fiche: 50-244, 84/11/14, 841200352.

--841200353 Amend 65 to License DPR-18, increasing spent fuel pool storage capacity.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/14. 8pp. 27573:193. 24X Fiche: 50-244, 84/11/14, 841200352.

--841200355 Safety evaluation supporting Amend 65 to License DPR-18.
* Office of Nuclear Reactor Regulation, Director. 84/11/14. 25pp. 27573:201. 24X Fiche: 50-244, 84/11/14, 841200352.

--841200358 "Evaluation of Spent Fuel Racks Structural Analysis, RE Ginna Nuclear Power Plant," technical evaluation re: HERRICK, R. C. Franklin Institute/Franklin Research Center. NRC-Q3-B1-130. TER-C5506-531. 84/10/10. KIM, S. B. NRC - No Detailed Affiliation Given. 23pp. 27573:226. 24X Fiche: 50-244, 84/11/14, 841200352.

841270377 Forwards request for addl info re 831104 response to Items 4.2.1 & 4.2.2 of Generic Ltr 83-28 concerning periodic maint program for reactor trip breakers & trending of reactor trip breaker parameters. Response requested within 90 days.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/23. KOBER, R. W. Rochester Gas & Electric Corp. 6pp. 27628:284. 24X Fiche: 50-244, 84/11/23, 841270377.

G. Inspection reports, IE Bulletins & correspondence

8411090509 Forwards Insp Rept 50-244/84-19 on 840801-0915. No violations noted.
KISTER, H. B. Region 1, Office of Director. 84/10/16. KOBER, R. W. Rochester Gas & Electric Corp. 2pp. 27416:246. 24X Fiche: 50-244, 84/10/16, 8411090509.

--8411090514 Insp Rept 50-244/84-19 on 840801-0915. No violations noted. Major areas inspected: routine operations, TMI items, IE circulars, plant maint & surveillance, LERs & review of measuring/test equipment controls.
COOK, W. A., LAZARUS, W. J. Region 1, Office of Director. COLLINS, S. J. Division of Project & Resident Programs. 84/10/12. 12pp. 27416:248. 24X Fiche: 50-244, 84/10/16, 8411090509.

8411090495 Notification of Significant Licensee Meeting 84-98 on 841105 w/util in King of Prussia, PA to discuss Insp Rept 50-244/84-23 re fuel handling limiting condition for operation violation.
LAZARUS, W. Region 1, Office of Director. 84/10/17. Region 1, Office of Director. 1p. 27422:338. 24X Fiche: 50-244, 84/10/17, 8411090495.

8411010377 Forwards addendum to Question 15 of 840713 response to IE Bulletin 80-11 re const & reevaluation criteria for masonry walls. Addendum addresses use of vertical reinforcement to carry stress during earthquake.
KOBER, R. W. Rochester Gas & Electric Corp. 84/10/19. PAULSON, W. A. Operating Reactors Branch 5. 3pp. 27229:175. 24X Fiche: 50-244, 84/10/19, 8411010377.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411020192 Forwards Insp Rept 50-244/84-23 on 841005-19. Violations re fuel handling in auxiliary bldg w/required ventilation flow path & spent fuel pit charcoal absorber sys inoperable noted.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/29. KOBER, R. W. Rochester Gas & Electric Corp. 2pp. 27257:184. 24X Fiche: 50-244, 84/10/29, 8411020192.

--8411020202 Insp Rept 50-244/84-23 on 841005-19. Violations noted: failure to properly review, investigate & determine cause of potential safety hazards & failure to perform surveillance testing on FA 2021 flow alarm.
COOK, W. A., LAZARUS, W. J., COLLINS, S. J. Region 1, Office of Director. 84/10/25. 6pp. 27257:186. 24X Fiche: 50-244, 84/10/29, 8411020192.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411300041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411300041.

8411300072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411300072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411260356 Forwards Insp Rept 50-244/84-22 on 840916-1031. No violations noted.
KISTER, H. B. Division of Project & Resident Programs. 84/11/19. KOBER, R. W. Rochester Gas & Electric Corp. 2pp. 27611:179. 24X Fiche: 50-244, 84/11/19, 8411260356.

--8411260369 Insp Rept 50-244/84-22 on 840916-1031. No violation noted. Major areas inspected: plant activities during routine operation, licensee action on previous findings, NUREG-0737, Item III.D.3.4 & Breaker DB-25 failure.
COOK, W. A. Region 1, Office of Director. COLLINS, S. J. Division of Project & Resident Programs. 84/11/15. 12pp. 27611:181. 24X Fiche: 50-244, 84/11/19, 8411260356.

R. Periodic operating reports & related correspondence

841140450 Monthly operating rept for Sept 1984. W/841012 ltr.
MCNAMARA, A. E., SNOW, B. A. Rochester Gas & Electric Corp. 84/09/30. 6pp. 27494:073. 24X Fiche: 50-244, 84/09/30, 841140450.

S. Reportable occurrences, LERs & related correspondence

8411010387 LER 84-011-00: on 840928 & 1011, control rod position indication sys inoperable for corrective maint of +13 ventilation duct chase power circuit. Caused by faulty power supply socket or wiring. Sys returned to svc. W/841028 ltr.
EDGAR, E. C., KOBER, R. W. Rochester Gas & Electric Corp. 84/10/28. 3pp. 27229:201. 24X Fiche: 50-244, 84/10/28, 8411010387.

DOCKETED ITEMS

841150262 LER 84-012-00: on 841005, insp of auxiliary bldg exhaust fan 1c ductwork revealed discharge damper not cycling w/actuator arm. Cause not stated. Stopwork for all fuel handling issued until damper repaired. W/841102 ltr.
MEYER, T.A., KOBER, R.W. Rochester Gas & Electric Corp. 84/11/02. 5pp. 27528:283. 24X Fiche: 50-244, 84/11/02, 841150262.

8411270033 LER 84-013-00: on 841015, review of 841011 surveillance test revealed control rod in shutdown bank failed to demonstrate movement of at least 10 steps in any direction. Caused by transposing error. Control rods retested. W/841114 ltr.
MEYER, T.A., KOBER, R.W. Rochester Gas & Electric Corp. 84/11/14. 4pp. 27674:349. 24X Fiche: 50-244, 84/11/14, 8411270033.

W. Decommissioning Stage Documents & Correspondence

841130701 Requests addl fee for 840319 & 0810 applications for license to dispose of low level radwaste. W/o encls.
DIGGS, R.M. License Fee Management Branch. 84/10/31. KOBER, R.W. Rochester Gas & Electric Corp. lp. 27471:213. 24X Fiche: 50-244, 84/10/31, 841130701.

X. Onsite Storage of Low Level Waste

8411200117 Forwards fee for NRC review of application requesting approval to dispose of low level radwaste, per 841031 request.
KOBER, R.W. Rochester Gas & Electric Corp. 84/11/14. DIGGS, R.M. License Fee Management Branch. lp. 27578:190. 24X Fiche: 50-244, 84/11/14, 8411200117.

DOCKET 50-245 MILLSTONE NUCLEAR POWER STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411050094 Forwards Rev 19 to modified amended security plan. Rev withheld (ref 10CFR73.21 & 2.790).
COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/09/14.
MILLER, J.R. Operating Reactors Branch 3. PAULSON, W.A. Operating Reactors Branch 5. lp. 27301:359. 24X Fiche: 50-245, 84/09/14, 8411050094.

8411010184 Ack receipt of 840809 ltr informing NRC of steps taken to correct violation noted in Insp Repts 50-245/84-13 & 50-336/84-13. Response to Item B re reevaluation of intake estimate will be reviewed during subsequent insp.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/09.
COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27249:153. 24X Fiche: 50-245, 84/10/09, 8411010184.

--8411010190 Responds to NRC 840711 ltr re violation noted in Insp Repts 50-245/84-13 & 50-336/84-13. Corrective actions: health physics personnel instructed to follow Rev 4 to Radiation Protection Procedure SHP 4912.
COUNCIL, W.G., SEARS, C.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/08/09.
MARTIN, T.T. Division of Engineering & Technical Programs. 2pp. 27249:153. 24X Fiche: 50-245, 84/10/09, 8411010184.

8411030298 Forwards Insp Repts 50-245/84-20 & 50-336/84-20 on 840715-0908. No violations noted.
WENZINGER, E.C. Division of Project & Resident Programs. 84/10/18.
COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27308:287. 24X Fiche: 50-245, 84/10/18, 8411030298.

--8411030309 Insp Repts 50-245/84-20 & 50-336/84-20 on 840715-0908. No violations noted. Major areas inspected: plant operations evaluations, equipment alignments & readiness, radiation protection, physical security & fire protection.
SHEDLOSKEY, J.T., LIPINSKY, D.R., WILLIAMS, J.H. Region 1, Office of Director. 84/10/05. 16pp. 27308:289. 24X Fiche: 50-245, 84/10/18, 8411030298.

8411070020 Revised emergency plan implementing procedures, including EPIP 4210 re emergency recovery, EPIP 4218 re use of potassium iodide as thyroid blocking agent & EPIP 4219 re plant parameter & instrumentation readout.
COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/26. 400pp. 27356:285. 24X Fiche: 50-245, 84/10/26, 8411070020.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecky at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. HARRINGTON, W.D. Boston Edison Co. LEONARD, J.D. Long Island Lighting Co. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411260367 Forwards Rev 1 to safeguards contingency plan. Rev withheld (ref 10CFR73.21 & 2.790).
COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/11/13.
MURLEY, T.E. Region 1, Office of Director. 2pp. 27609:260. 24X Fiche: 50-245, 84/11/13, 8411260367.

I. Financial information

8411290023 Advises that review of financial info submitted for 1984 completed. Info satisfies requirements of 10CFR140, Section 140.21 that each licensee maintain approved guarantee of deferred premiums for each operating reactor over 100 MW(e).
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/20. PALMER, D.H. Northeast Utilities. lp. 27700:306. 24X Fiche: 50-245, 84/11/20, 8411290023.

P. Operating license stage documents & correspondence

841140386 Summarizes concerns & responses to concerns raised in util 840702 ltr re NRC position on placing limits for overtime in plant Tech Specs. Commitment to propose suitable Tech Specs for each plant over next 6 months requested.
MILLER, J.R. Operating Reactors Branch 3. 84/10/16. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 27525:009. 24X Fiche: 50-000, 84/10/16, 841140386.

8411050390 Responds to 840730 safety evaluation re implementation of NUREG-0737, TMI Action Item II.F.6, "Containment Hydrogen Monitor." Primary concern is control of oxygen, not hydrogen inside containment.
COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/24.
PAULSON, W.A. Operating Reactors Branch 5. 3pp. 27297:120. 24X Fiche: 50-245, 84/10/24, 8411050390.

8411050413 Forwards Amend 101 to License DPR-21. Amend revises Tech Specs in response to Generic Ltr 84-09 & reduces limiting condition for containment oxygen concentration during normal reactor operation to 4.0X.
PAULSON, W.A. Operating Reactors Branch 5. 84/11/01. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 4pp. 27297:089. 24X Fiche: 50-245, 84/11/01, 8411050413.

--8411050415 Amend 101 to License DPR-21, revising Tech Specs in response to Generic Ltr 84-09 & reducing limiting condition for containment oxygen concentration during normal reactor operation to 4.0X.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/01. 7pp. 27297:093. 24X Fiche: 50-245, 84/11/01, 8411050413.

8411190416 Application for amend to License DPR-21, confirming licensee commitments on post-TMI related issues from Generic Ltr B2-10, including TMI Action Items III.A.2.2, "Meteorological Data" & III.D.3.4, "Control Room Habitability." Fee paid.
COUNCIL, W.G., SEARS, C.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/11/07.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 3pp. 27551:227. 24X Fiche: 50-245, 84/11/07, 8411190416.

8411260302 Discusses status of provisional DL conversion to full-term DL. Draft environ evaluation will be issued by 841214. Discussion of info required for full-term DL & revised updated FSAR requested.
ZWOLINSKI, J.A. Operating Reactors Branch 5. 84/11/21. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 27612:347. 24X Fiche: 50-245, 84/11/21, 8411260302.

G. Inspection reports, IE Bulletins & correspondence

8411010184 Ack receipt of 840809 ltr informing NRC of steps taken to correct violation noted in Insp Repts 50-245/84-13 & 50-336/84-13. Response to Item B re reevaluation of intake estimate will be reviewed during subsequent insp.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/09.
COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27249:153. 24X Fiche: 50-245, 84/10/09, 8411010184.

--8411010190 Responds to NRC 840711 ltr re violation noted in Insp Repts 50-245/84-13 & 50-336/84-13. Corrective actions: health physics personnel instructed to follow Rev 4 to Radiation Protection Procedure SHP 4912.
COUNCIL, W.G., SEARS, C.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/08/09.
MARTIN, T.T. Division of Engineering & Technical Programs. 2pp. 27249:153. 24X Fiche: 50-245, 84/10/09, 8411010184.

8411030298 Forwards Insp Repts 50-245/84-20 & 50-336/84-20 on 840715-0908. No violations noted.
WENZINGER, E.C. Division of Project & Resident Programs. 84/10/18.
COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27308:287. 24X Fiche: 50-245, 84/10/18, 8411030298.

--8411030309 Insp Repts 50-245/84-20 & 50-336/84-20 on 840715-0908. No violations noted. Major areas inspected: plant operations evaluations, equipment alignments & readiness, radiation protection, physical security & fire protection.
SHEDLOSKY, J. T., LIPINSKY, D. R., WILLIAMS, J. H. Region 1, Office of Director, 84/10/05. 16pp. 27308:289. 24X Fiche: 50-245, 84/10/18, 8411030298.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:275. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411130514 Monthly operating rept for Sept 1984. W/841005 ltr. HARRAN, G., HERBERT, R. J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). HERBERT, R. J. Northeast Utilities. 84/09/30. 8pp. 27462:062. 24X Fiche: 50-245, 84/09/30, 8411130514.

S. Reportable occurrences, LERs & related correspondence

8411190093 LER 83-028/03X-1: on 830930, offgas radiation monitor, channel two, failed downscale. Caused by shorted resistor R142. Resistor replaced & offgas monitor recalibr. W/841023 ltr.
THULL, T. S., MROCZKA, E. J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E. J. Northeast Utilities. 84/10/23. MURLEY, T. E. Region 1, Office of Director. 3pp. 27567:328. 24X Fiche: 50-245, 84/10/23, 8411190093.

8411190208 LER 83-029/01X-1: on 831108, high drywell pressure switches 1620B & 1620C tripped above Tech Spec limit. Caused by unusually high resistance across contacts, resulting in setpoint drift. Switches reset. W/841023 ltr.
THULL, T. S., MROCZKA, E. J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCZKA, E. J. Northeast Utilities. 84/10/23. MURLEY, T. E. Region 1, Office of Director. 3pp. 27567:302. 24X Fiche: 50-245, 84/10/23, 8411190208.

8411190324 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190324.

8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl.
WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, 84/11/12, 8411260340.

DOCKET 50-246 ADVANCED CRITICAL REACTOR EXPERIMENT

P. Operating license stage documents & correspondence

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, 8410290050.

DOCKET 50-247 INDIAN POINT STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411010540 Forwards public version of emergency plan procedure, Apps A & B re emergency roster.
O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 84/10/10. MURLEY, T. E. Region 1, Office of Director. 2pp. 27265:321. 24X Fiche: 50-003, 84/10/10, 8411010540.

--8411010545 Public version of emergency plan procedure, Apps A & B re emergency roster. W/JM Felton 841023 memo.
* Consolidated Edison Co. of New York, Inc. 84/10/10. 22pp. 27265:323. 24X Fiche: 50-003, 84/10/10, 8411010540.

8411070163 Forwards SALP Rept 50-247/84-19 for Feb 1983 - Jul 1984. Meeting to discuss assessment scheduled for 841107 in Buchanan, NY.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/11. O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 2pp. 27389:133. 24X Fiche: 50-247, 84/10/11, 8411070163.

--8411070164 SALP Rept 50-247/84-19 for Feb 1983 - Jul 1984.
* Region 1, Office of Director. 84/10/11. 46pp. 27389:135. 24X Fiche: 50-247, 84/10/11, 8411070163.

841120104 Ack receipt of 840814 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-247/84-13. Attachment B to ltr will not be placed in PDR (ref 10CFR73.21(c)).
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/16. O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 2pp. 27437:213. 24X Fiche: 50-247, 84/10/16, 841120104.

8411010199 Requests remittance of fee for 810319 application re alternate safe shutdown capability & associated Tech Spec changes within 15 days from date of ltr receipt.
MILLER, W. O. License Fee Management Branch. 84/10/19. O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 1p. 27265:320. 24X Fiche: 50-247, 84/10/19, 8411010199.

8411080643 Responds to 830110, 0729 & 0909 requests for exemption from Section III.G of App R re HVAC exhaust fans. NRC review of request will be completed upon receipt of confirmation of compliance w/listed stipulations within 30 days.
VARGA, S. A. Operating Reactors Branch 1. 84/10/24. O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 1p. 27406:229. 24X Fiche: 50-247, 84/10/24, 8411080643.

8411150028 Forwards fee requested by 840809 & 1019 ltrs for NRC action re fire protection per 10CFR50 requirements.
O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 84/11/01. MILLER, W. O. License Fee Management Branch. 2pp. 27505:013. 24X Fiche: 50-247, 84/11/01, 8411150028.

841120215 Informs of upgrading of fire barriers, conducted per 830909 submittal & 10CFR50, App R & approved by NRC 841016 ltr. Review of fire barriers revealed that certain fire doors cannot carry UL label due to mods.
O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 84/11/02. EISENHUT, D. G. Division of Licensing. 4pp. 27428:277. 24X Fiche: 50-247, 84/11/02, 841120215.

8411200088 Requests escorted access to facility site for SA Varga & MM Glesson.
VARGA, S. A. Operating Reactors Branch 1. 84/11/06. O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 2pp. 27598:039. 24X Fiche: 50-247, 84/11/06, 8411200088.

DOCKETED ITEMS

8411260015 Forwards revs to physical security plan updating number of vital area access/egress doors normally controlled by card readers. Revs withheld (ref 10CFR73.21 & 2.790).
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/11/08.
MURLEY, T.E. Region 1, Office of Director. 1p. 27614:091. 24X
Fiche: 50-003, 84/11/08, 8411260015.

G. Adjudicatory correspondence

8411060489 Staff requirements memo re 841016 discussion of key issues re Indian Point adjudicatory proceeding in Washington, DC. Draft decision on key issues requested w/further consideration concerning emergency preparedness.
CHILK, S.J. Office of the Secretary of the Commission. 84/10/25.
DIRCKS, W.J. Office of the Executive Director for Operations.
ZERBE, J.E. Office of Policy Evaluations. PLAINE, H.H.E. Office of the General Counsel. 3pp. 27384:095. 24X Fiche: 50-247, 84/10/25, 8411060489.

8411160176 Revised staff requirements memo correcting Item 4 in 841025 staff requirements memo re continuation of 841016 discussion on Indian Point adjudicatory proceeding.
CHILK, S.J. Office of the Secretary of the Commission. 84/11/07.
DIRCKS, W.J. Office of the Executive Director for Operations.
ZERBE, J.E. Office of Policy Evaluations. PLAINE, H.H.E. Office of the General Counsel. 1p. 27561:358. 24X Fiche: 50-003, 84/11/07, 8411160176.

P. Operating license stage documents & correspondence

8411010072 Approves 840706 request for scheduler extension for testing containment radiation monitor as part of environ qualification program. FR notice of environ assessment & findings of no significant impact encl.
VARGA, S.A. Operating Reactors Branch 1. 84/10/11. O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 4pp. 27266:352. 24X
Fiche: 50-247, 84/10/11, 8411010072.

--8411010083 Notice of environ assessment of finding of no significant impact re 840706 request for extension to Mar 1985 to complete final qualification of containment high radiation monitor.
EISENHUT, D.G. Division of Licensing. 84/10/11. 3pp. 27266:356. 24X Fiche: 50-247, 84/10/11, 8411010072.

8411060549 Grants 840706 request for extension until 850331 for qualification testing of Victoreen high-range radiation monitor.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/10/26. O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 5pp. 27383:283. 24X Fiche: 50-247, 84/10/26, 8411060549.

8411090055 Requests meeting in Bethesda, MD to discuss encl questions resulting from preliminary review of pump & valve inservice testing initiated in Feb 1984. Safety evaluation will be partially based on results of meeting.
VARGA, S.A. Operating Reactors Branch 1. 84/10/26. O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 7pp. 27423:257. 24X
Fiche: 50-247, 84/10/26, 8411090055.

8411020217 Forwards clarification & addl info re 830214 proposed Tech Spec revs covering control of heavy loads during refueling, per 840809 request.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/10/29.
VARGA, S.A. Operating Reactors Branch 1. 9pp. 27255:060. 24X
Fiche: 50-247, 84/10/29, 8411020217.

8411050199 Forwards core damage assessment methodology, based on Westinghouse generic core damage assessment methodology, approved on 840410. Methods to estimate core damage in accordance w/NUREG-0737 Item II.B.3.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/10/29.
VARGA, S.A. Operating Reactors Branch 1. 1p. 27303:001. 24X
Fiche: 50-247, 84/10/29, 8411050199.

--8411050203 "Methodology for Assessment of Core Damage Following Postulated Accident."
* Consolidated Edison Co. of New York, Inc. 84/10/31. 48pp. 27303:002. 24X Fiche: 50-247, 84/10/29, 8411050199.

--8411050205 Rev 1 to "Westinghouse Owners Group Post-Accident Core Damage Assessment Methodology."
* Westinghouse Operating Plants Owners Group. 84/03/31. 94pp. 27303:030. 24X Fiche: 50-247, 84/10/29, 8411050199.

8411060178 Responds to 840702 Generic Ltr 84-15 re proposed staff actions to improve & maintain diesel generator reliability. Cold fast start surveillance testing methods comply w/ manufacturer recommendations.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/10/30.
EISENHUT, D.G. Office of Nuclear Reactor Regulation, Director. 10pp. 27323:203. 24X Fiche: 50-247, 84/10/30, 8411060178.

8411140366 Notifies that review of info provided by util re evaluation of vessel flaw completed. Public health & safety not endangered. Safety evaluation resumption of power operation.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/11/05.
FLEISHER, Z.S. West Branch Conservation Association. 6pp. 27525:060. 24X Fiche: 50-247, 84/11/05, 8411140366.

8411270496 Advises that JD Neighbors assigned as project manager for facility.
VARGA, S.A. Operating Reactors Branch 1. 84/11/08. O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 2pp. 27671:249. 24X
Fiche: 50-247, 84/11/08, 8411270496.

8411280025 Forwards request for relief from ASME Boiler & Pressure Vessel Code Section XI pressure testing requirements for first 10 yr interval due to piping design of containment spray sys.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/11/19.
VARGA, S.A. Operating Reactors Branch 1. 3pp. 27669:264. 24X
Fiche: 50-247, 84/11/19, 8411280025.

G. Inspection reports, IE Bulletins & correspondence

8411070163 Forwards SALP Rept 50-247/84-19 for Feb 1983 - Jul 1984. Meeting to discuss assessment scheduled for 841107 in Buchanan, NY.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/11.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 2pp. 27389:133. 24X Fiche: 50-247, 84/10/11, 8411070163.

--8411070164 SALP Rept 50-247/84-19 for Feb 1983 - Jul 1984.
* Region 1, Office of Director. 84/10/11. 46pp. 27389:135. 24X
Fiche: 50-247, 84/10/11, 8411070163.

841120104 Ack receipt of 840814 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-247/84-13. Attachment B to ltr will not be placed in PDR (ref 10CFR73.21(c)).
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/16.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 2pp. 27437:213. 24X Fiche: 50-247, 84/10/16, 841120104.

8411020242 Discusses Insp Rept 50-247/84-17 on 840710-13 & 17-20 & forwards notice of violation.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/24.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 2pp. 27255:197. 24X Fiche: 50-247, 84/10/24, 8411020242.

--8411020247 Notice of violation from insp on 840710-13 & 17-20. Violation noted: failure to evaluate radiation hazard & to take prompt action to estimate personnel exposure.
* Region 1, Office of Director. 84/10/24. 1p. 27255:199. 24X
Fiche: 50-247, 84/10/24, 8411020242.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010324 Responds to NRC 840927 ltr re violations noted in Insp Rept 50-247/84-13. Corrective actions: radiation protection technicians briefed on minimizing radiation exposure, taking whole body exposure & performing dosimetry.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/10/26.
DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 11pp. 27231:346. 24X Fiche: 50-247, 84/10/26, 8411010324.

8411160269 Forwards Insp Rept 50-247/84-27 on 840917-21. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/26.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 2pp. 27546:037. 24X Fiche: 50-247, 84/10/26, 8411160269.

--8411160274 Insp Rept 50-247/84-27 on 840917-21. No violations noted. Major areas inspected: containment leakage testing program, including procedure review of containment integrated leak rate test & local leak rate test procedures.
VITO, D.J., BETTENHAUSEN, L. Region 1, Office of Director. 84/10/22. 9pp. 27546:039. 24X Fiche: 50-247, 84/10/26, 8411160269.

8411200136 Forwards Insp Rept 50-247/84-24 on 840827-31 & notice of violation.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/26.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 2pp. 27585:226. 24X Fiche: 50-247, 84/10/26, 8411200136.

--8411200139 Notice of violation from insp on 840827-31.
* Region 1, Office of Director. 84/10/26. 2pp. 27585:228. 24X
Fiche: 50-247, 84/10/26, 8411200136.

DOCKETED ITEMS

35

--8411200145 Insp Rept 50-247/84-24 on 840827-31. Violation noted: worker exposure info not recorded after each jump into steam generator.
CLEMONS, P., SHANBAKY, M. Region 1, Office of Director. 84/10/16. 6pp. 27585:230. 24X Fiche: 50-247, 84/10/26, 8411200136.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411190131 Responds to NRC 840920 ltr re violation noted in Insp Rept 50-247/84-21. Corrective actions: depts requested to review procedures for records custodianship to assure compliance w/requirements of Station Administrative Order 121.
O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 84/11/08. STAROSTECKI, R. Region 1, Office of Director. 5pp. 27554:362. 24X Fiche: 50-247, 84/11/08, 8411190131.

8411280501 Forwards SER & technical evaluation rept re main steam line break w/continued feedwater addition. Analysis acceptable.
VARGA, S. A. Operating Reactors Branch 1. 84/11/08. O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 2pp. 27682:242. 24X Fiche: 50-247, 84/11/08, 8411280501.

--8411280511 SER of util analysis for main steam line break w/continued feedwater addition. Analysis performed per IE Bulletin 80-04.
* NRC - No Detailed Affiliation Given. 84/11/08. 5pp. 27682:244. 24X Fiche: 50-247, 84/11/08, 8411280501.

--8411280525 "PWR Main Steam Line Break W/Continued Feedwater Addition." technical evaluation rept.
DELGAIZO, T. J., HERRICK, R. C. Franklin Institute/Franklin Research Center. NRC-03-81-130. TER-C5506-130. 84/08/23. HEARN, P. NRC - No Detailed Affiliation Given. 23pp. 27682:249. 24X Fiche: 50-247, 84/11/08, 8411280501.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411290653 Forwards safety evaluation re reactor vessel flaw discovered during 10-yr inservice insp. W/o encl.
EISENHUT, D. G. Division of Licensing. 84/11/21. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27699:352. 24X Fiche: 50-247, 84/11/21, 8411290653.

R. Periodic operating reports & related correspondence

8411140608 Monthly operating rept for Sept 1984. W/841015 ltr.
BLATT, M., O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 84/09/30. McDONALD, W. G. Division of Data Automation & Management Information. 6pp. 27530:055. 24X Fiche: 50-247, 84/09/30, 8411140608.

S. Reportable occurrences, LERs & related correspondence

8411070341 LER 83-029/03L-1: on 830720, analysis revealed absorption efficiencies for methyl iodine of 92.9 & 95% in charcoal filters. Caused by change in acceptance criteria. Charcoal replaced. W/840928 ltr.
HINRICHS, O., O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 84/09/28. MURLEY, T. E. Region 1, Office of Director. 3pp. 27388:308. 24X Fiche: 50-247, 84/09/28, 8411070341.

8411060156 LER 84-013-00: on 840920, 23 fire dampers identified as potentially deficient. Cause not stated. Program for replacing fire dampers initiated. W/841022 ltr.
BLATT, M., O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 84/10/22. 3pp. 27352:349. 24X Fiche: 50-247, 84/10/22, 8411060156.

8411200385 LER 84-014-00: on 841007, undervoltage relay setpoint for 480-volt busses found not in compliance w/Tech Specs. Caused by data sheet error. Incorrect data sheet revised. W/841107 ltr.
BLATT, M., O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 84/11/07. 3pp. 27585:033. 24X Fiche: 50-247, 84/11/07, 8411200385.

8411270540 LER 84-015-00: on 841008, spurious safety injection signal occurred due to momentary loss of vital instrument bus. Caused by defective procedure & operator error. Operating condition restored. Procedure revised. W/841107 ltr.
BLATT, M., O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 84/11/07. 3pp. 27674:093. 24X Fiche: 50-247, 84/11/07, 8411270540.

8411150084 Board Notification 84-178: forwards Sandia Natl Lab. ORNL & SWRI formal conclusions re facility reactor vessel flaw following review of util 840921 response & 841003 meeting.
EISENHUT, D. G. Division of Licensing. 84/11/09. PALLADINO, ROBERTS, ASSELSTINE Commissioners. 2pp. 27577:306. 24X Fiche: 50-247, 84/11/09, 8411150084.

DOCKET 50-249 DRESDEN NUCLEAR POWER STATION, UNIT 3

F. Security, medical, emergency & fire protection plans

8411210059 Discusses enforcement conferences on 831220 & 840215 re violations that occurred on 831025 & 840114, respectively & forwards notice of violation & proposed imposition of civil penalty.
KEPPLER, J. G. Region 3, Office of Director. 84/05/08. O'CONNOR, J. J. Commonwealth Edison Co. 5pp. 27606:132. 24X Fiche: 50-010, 84/05/08, 8411210059.

--8411210066 Notice of violation & proposed imposition of civil penalty in amount of \$40,000. Violation noted: no radiological training given to two contractor employees who entered restricted area.
KEPPLER, J. G. Region 3, Office of Director. 84/05/08. 3pp. 27606:137. 24X Fiche: 50-010, 84/05/08, 8411210059.

--8411210073 Insp Repts 50-010/84-03, 50-237/84-04 & 50-249/84-03 on 840123, 24, 27, 0203 & 05. Noncompliance noted: gate door leading into cleanup demineralizer valve gallery open & area unmanned. Details withheld (ref 10CFR73.21).
BELANGER, J. L. Region 3, Office of Director. 84/05/07. 2pp. 27606:151. 24X Fiche: 50-010, 84/05/08, 8411210059.

8411010088 Revs to emergency plan implementing procedures, including EPIP 400-3, "Communication Sys Operation." EPIP 100-C4, "Maint Director." EPIP 100-C1, "Station Director" & EPIP 100-1, "Supervision of Emergencies..." W/841024 ltr.
SCOTT, D. J. Commonwealth Edison Co. 84/10/24. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 72pp. 27235:316. 24X Fiche: 50-010, 84/10/24, 8411010088.

8411010363 Revised emergency plan implementing procedures including EPIP 100-C11 re environ director & EPIP 100-2 re shift turnover w/technical support ctr &/or environs teams activated. W/841024 ltr.
SCOTT, D. J. Commonwealth Edison Co. 84/10/24. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 37pp. 27229:204. 24X Fiche: 50-010, 84/10/24, 8411010363.

8411150069 Forwards "Dresden Station Emergency Operating Procedures Generation Package." Package includes plant specific technical guidelines, emergency procedures writers guide & verification & validation of emergency procedures.
RYBAK, B. Commonwealth Edison Co. 84/10/30. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27503:155. 24X Fiche: 50-237, 84/10/30, 8411150069.

--8411150071 "Dresden Station Emergency Operating Procedures Generation Package."
* Commonwealth Edison Co. 84/10/30. 168pp. 27503:157. 24X Fiche: 50-237, 84/10/30, 8411150069.

DOCKETED ITEMS

8411160334 Revised environ emergency plan implementing procedures including EG-1 re coordination of environ group activities & EG-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR.
THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022.
24X Fiche: 50-000, 84/10/31, 8411160334.

8411200205 Rev 3 to emergency plan annex.
* Commonwealth Edison Co. 84/11/30. 75pp. 27578:294. 24X
Fiche: 50-010, 84/11/30, 8411200205.

P. Operating license stage documents & correspondence

8411200151 Forwards Rev 7 to DTS 1600-7, "Unit 2/3 Integrated Primary Containment Leak Rate Test," for review & comment. Meeting can be arranged to discuss procedure.
SCOTT, D. J. Commonwealth Edison Co. 84/10/24. KEPLER, J. G. Region 3, Office of Director. 1. 27579:143. 24X Fiche: 50-237, 84/10/24, 8411200151.

--8411200157 Rev 7 to DTS 1600-7, "Unit 2/3 Integrated Primary Containment Leak Rate Test."
* Commonwealth Edison Co. 84/09/30. 77pp. 27579:144. 24X
Fiche: 50-237, 84/10/24, 8411200151.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - OPU Service Corp. 19pp. 27417:055. 24X
Fiche: 50-000, 84/10/26, 8410290050.

841150017 Advises that THM Item III.D.3.4, "Control Room Habitability," not fully operable at facilities in response to Generic Ltrs 82-05 & 82-10. Minor work incomplete. Sys will be operable by 841231.
RYBAK, B. Commonwealth Edison Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27504:250. 24X
Fiche: 50-000, 84/10/31, 841150017.

841150002 Forwards procedure for initiation of containment spray cooling, temp analysis inputs for CONTEMPT & break drywell temp analysis, in response to NRC request during 840913 meeting.
RYBAK, B. Commonwealth Edison Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 39pp. 27504:096. 24X
Fiche: 50-000, 84/11/05, 841150002.

841150021 Forwards "Full-Scale Demonstration of Mobile Low Level Radwaste Vol Reduction Sys at Dresden Nuclear Power Station." Requests NRC approval for use of sys by 850201. Sys will be operational on 850201. Fee paid.
RYBAK, B. Commonwealth Edison Co. 84/11/07. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27504:259. 24X
Fiche: 50-237, 84/11/07, 841150021.

--841150029 "Full-Scale Demonstration of Mobile Low Level Radwaste Vol Reduction Sys at Dresden Nuclear Power Station."
COLEY, R. F., ADAM, D. A., EGGETT, D. R. Commonwealth Edison Co. 84/11/07. 15pp. 27504:260. 24X Fiche: 50-237, 84/11/07, 841150021.

G. Inspection reports, IE Bulletins & correspondence

8411210059 Discusses enforcement conferences on 831220 & 840215 re violations that occurred on 831025 & 840114, respectively & forwards notice of violation & proposed imposition of civil penalty.
KEPLER, J. G. Region 3, Office of Director. 84/05/08. O'CONNOR, J. J. Commonwealth Edison Co. 5pp. 27606:132. 24X Fiche: 50-010, 84/05/08, 8411210059.

--8411210066 Notice of violation & proposed imposition of civil penalty in amount of \$40,000. Violation noted: no radiological training given to two contractor employees who entered restricted area.
KEPLER, J. G. Region 3, Office of Director. 84/05/08. 3pp. 27606:137. 24X Fiche: 50-010, 84/05/08, 8411210059.

--8411210073 Insp Repts 50-010/84-03, 50-237/84-04 & 50-249/84-03 on 840123, 24, 27, 0203 & 06. Noncompliance noted: gate door leading into cleanup demineralizer valve gallery open & area unmanned. Details withheld (ref 10CPR73.21).
BELANGER, J. L., MAEDA, T. J., CREED, J. R. Region 3, Office of Director. 84/05/07. 2pp. 27606:151. 24X Fiche: 50-010, 84/05/08, 8411210059.

841130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907.
NORELIUS, C. E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 27458:325. 24X Fiche: 50-000, 84/10/16, 841130238.

--841130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16... on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites.
SUERMANN, J. F., WRIGHT, G. C. Region 3, Office of Director. 84/10/12. 5pp. 27458:328. 24X Fiche: 50-000, 84/10/16, 841130238.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411060342 Ack receipt of 841019 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-010/84-11, 50-237/84-13 & 50-249/84-12.
* Region 3, Office of Director. 84/10/30. Commonwealth Edison Co. 1p. 27321:122. 24X Fiche: 50-010, 84/10/30, 8411060342.

--8411060352 Responds to NRC 840920 ltr re violations noted in Insp Repts 50-010/84-11, 50-237/84-13 & 50-249/84-12. Corrective actions: annunciator alarm procedures for floor drain surge tank & sump high level alarms will be revised.
FARRAR, D. L. Commonwealth Edison Co. 84/10/19. KEPLER, J. G. Region 3, Office of Director. 7pp. 27321:123. 24X
Fiche: 50-010, 84/10/30, 8411060342.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411290418 Forwards Insp Repts 50-010/84-15, 50-237/84-18 & 50-249/84-17 on 840912-1017 & notice of violation.
SHAFER, W. D. Region 3, Office of Director. 84/11/06. REED, C. Commonwealth Edison Co. 2pp. 27721:202. 24X Fiche: 50-010, 84/11/06, 8411290418.

--8411290419 Notice of violation from insp on 840912-1017.
SHAFER, W. D. Region 3, Office of Director. 84/11/06. 2pp. 27721:204. 24X Fiche: 50-010, 84/11/06, 8411290418.

--8411290421 Insp Repts 50-010/84-15, 50-237/84-18 & 50-249/84-17 on 840912-1017. Noncompliance noted: inadequate restoration instructions for missing battery rack end braces & discrepancy between flow rates in station procedures.
CHRISTODIMOS, N. Region 3, Office of Director. 84/11/06. 15pp. 27721:206. 24X Fiche: 50-010, 84/11/06, 8411290418.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841130041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841130041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

DOCKETED ITEMS

37

R. Periodic operating reports & related correspondence

8411060308 "Annual Operating Rept for 1982 & 1983." W/840801 ltr.
SCOTT, D. J. Commonwealth Edison Co. 83/12/31. 46pp. 27351:001.
24X Fiche: 50-010, 84/12/31, 8411060308.

8411200018 Monthly operating repts for Oct 1984. W/841101 ltr.
MAXWELL, D. C., SCOTT, D. J. Commonwealth Edison Co. 84/10/31. 18pp.
27585:244. 24X Fiche: 50-010, 84/10/31, 8411200018.

S. Reportable occurrences, LERs & related correspondence

8411050428 LER 84-015-00: on 840925, during planned unit shutdown, reactor
scrammed on low condenser vacuum caused by air in-leakage
through damaged bellows on seal steam relief valve discharge
line. Bellows replaced. W/841023 ltr.
TURNQUEST, L., SCOTT, D. J. Commonwealth Edison Co. 84/10/23. 3pp.
27328:211. 24X Fiche: 50-249, 84/10/23, 8411050428.

8411160396 LER 84-017-00: on 841014, scram discharge vol high level
bypass circuit accidentally broken, resulting in full reactor
scram. Jumpers placed on terminals DDB-DD11 lost contact as
removed & scram occurred. W/841107 ltr.
SYKES, K., SCOTT, D. J. Commonwealth Edison Co. 84/11/07. 3pp.
27545:255. 24X Fiche: 50-249, 84/11/07, 8411160396.

8411160418 LER 84-016-00: on 841014, while performing DOP 4400-B re
circulating water flow reversal, reactor scrammed due to low
condenser vacuum. Vacuum breaker opened to prevent turbine
damage. W/841107 ltr.
BOYLE, L. A., SCOTT, D. J. Commonwealth Edison Co. 84/11/07. 3pp.
27545:197. 24X Fiche: 50-249, 84/11/07, 8411160418.

8411270002 LER 84-019-00: on 841024, addl 49.3 std cubic ft per hour
should have been added to "as found" leakage rate. Caused by
improper calibr of two floor make-up boxes. Flowmeter calibr
pressure & temp verified. W/841115 ltr.
COYLE, L., SCOTT, D. J. Commonwealth Edison Co. 84/11/14. 4pp.
27675:033. 24X Fiche: 50-249, 84/11/14, 8411270002.

8411270536 LER 84-018-00: on 841020, reactor scrammed on low water level
w/ feedwater regulating valve 3A in auto. Caused by bad switch
in reset circuitry of controller. Master controller replaced.
W/841115 ltr.
SMITH, G. L., SCOTT, D. J. Commonwealth Edison Co. 84/11/15. 3pp.
27674:096. 24X Fiche: 50-249, 84/11/15, 8411270536.

8411290262 LER 84-020-00: on 841026, MSIV not fully opened caused reactor
scram due to Group 1 isolation. Caused by bypass valves
opening at once due to faulty voltage comparator & reactor
pressure below Tech Spec limits. W/841119 ltr.
SCOTT, D. J., KIM, D. C. Commonwealth Edison Co. 84/11/19. 3pp.
27718:322. 24X Fiche: 50-249, 84/11/19, 8411290262.

8411270387 PNO-III-84-100: on 841121 during routine search of employee
entering security area, loaded revolver discovered in
employee duffel bag. Licensee investigating incident. State of
IL will be notified.
CREED, J. Region 3, Office of Director. 84/11/21. 1p. 27628:294.
24X Fiche: 50-010, 84/11/21, 8411270387.

DOCKET 50-250 TURKEY POINT PLANT, UNIT 3

F. Security, medical, emergency & fire protection plans

8411150339 Forwards Insp Repts 50-250/84-31 & 50-251/84-32 on
840910-13. No violations or deviations noted.
BROWNLEE, V. L. Region 2, Office of Director. 84/10/05.
WILLIAMS, J. W. Florida Power & Light Co. 2pp. 27529:127. 24X
Fiche: 50-250, 84/10/05, 8411150339.

--8411150342 Insp Repts 50-250/84-31 & 50-251/84-32 on 840910-13. No
violations or deviations noted. Major areas inspected:
emergency preparedness.
MARSTON, R. R., CLINE, W. E. Region 2, Office of Director. 84/10/03.
6pp. 27529:129. 24X Fiche: 50-250, 84/10/05, 8411150339.

8411140298 Requests that 20-day submittal of annual emergency exercise
objectives & detailed scenarios be eliminated & 45-day
schedule be used w/all controller info. per 820129 ltr. No
change needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. WILLIAMS, J. W.
Florida Power & Light Co. 2pp. 27530:061. 24X
Fiche: 50-000, 84/10/11, 8411140298.

8411020212 Forwards info re temporary protected area barrier
relocation. Alterations to protected area barrier do not
decrease safeguards effectiveness. Encl withheld
(ref 10CFR73.21).
WILLIAMS, J. W. Florida Power & Light Co. 84/10/25. O'REILLY, J. P.
Region 2, Office of Director. 1p. 27260:117. 24X
Fiche: 50-250, 84/10/25, 8411020212.

8411010348 Emergency plan implementing procedures, including 20101 re
duties of emergency coordinator, 20110 re criteria for &
conduct of owner controlled area evacuation & 20126 re
offsite dose calculations. W/841029 ltr.
* Florida Power & Light Co. 84/10/29. O'REILLY, J. P. Region 2,
Office of Director. 120pp. 27229:004. 24X Fiche: 50-250, 84/10/29,
8411010348.

8411080193 Revised Emergency Procedure 20113, "Maintaining Emergency
Preparedness - Emergency Exercises, Drills, Tests &
Evaluations." W/841101 ltr.
WILLIAMS, J. W. Florida Power & Light Co. 84/11/01. O'REILLY, J. P.
Region 2, Office of Director. 7pp. 27392:184. 24X
Fiche: 50-250, 84/11/01, 8411080193.

8411280533 Forwards summary of 841002 meeting w/util concerning summary
rept re open or confirmatory items described in 840510
detailed control room design review preimplementation audit
rept. Attendance list encl.
VARGA, S. A. Operating Reactors Branch 1. 84/11/06. WILLIAMS, J. W.
Florida Power & Light Co. 33pp. 27682:165. 24X
Fiche: 50-000, 84/11/06, 8411280533.

8411120113 Forwards info in response to NRC 841001 ltr re regulatory
effectiveness review. Info withheld (ref 10CFR73.21).
WILLIAMS, J. W. Florida Power & Light Co. 84/11/07. VARGA, S. A.
Operating Reactors Branch 1. 1p. 27429:214. 24X
Fiche: 50-250, 84/11/07, 8411120113.

8411200260 Requests exemptions from App R schedule requirements of
10CFR50.48 C(2)-C(4) for six items identified in
Attachment 3. Updated schedules for required mods encl.
W/three oversize charts. Aperture cards available in PDR.
WILLIAMS, J. W. Florida Power & Light Co. 84/11/16. VARGA, S. A.
Operating Reactors Branch 1. 7pp. 27569:030. 24X
Fiche: 50-250, 84/11/16, 8411200260.

8411280291 Forwards payment of application fee for review of 841116
fire protection schedule exemption requests.
WILLIAMS, J. W. Florida Power & Light Co. 84/11/26. VARGA, S. A.
Operating Reactors Branch 1. 1p. 27658:078. 24X
Fiche: 50-250, 84/11/26, 8411280291.

G. Adjudicatory correspondence

8411290402 Forwards Amends 111 & 105 to Licenses DPR-31 & DPR-41,
respectively. 841114 environ assessment re expanded spent
fuel storage & notice of issuance of environ assessment &
finding of no significant impact. Related correspondence.
YOUNG, M. A. Hearing Branch 4. #484 342. 84/11/23. LAZO, R. M.,
LUEBKE, E. A., COLE, R. F. Atomic Safety and Licensing Board Panel.
75pp. 27676:302. 24X Fiche: 50-250, 84/11/23, 8411290402.

I. Financial information

8411280218 Notifies that NRC review of financial info submitted on
841107 found licensee in compliance w/10CFR140.21 requiring
approved guarantee of payment of deferred premium for each
reactor over 100 MWe.
SALTZMAN, J. Assistant Director for State & Licensee Relations.
84/11/16. WILLIAMS, J. W. Florida Power & Light Co. 1p. 27681:361.
24X Fiche: 50-000, 84/11/16, 8411280218.

P. Operating license stage documents & correspondence

8411010257 Requests that 841025 presentation to EDO include comments on
encl "Maint & Surveillance Program Plan." Addl detail needed
re NRC coordination & evaluation of Nuclear Utils Mgt &
Human Resources Committee/INPO initiatives.
RUSSELL, W. T. Division of Human Factors Safety. 84/10/16.
WOODY, C. O. Florida Power & Light Co. 1p. 27264:309. 24X
Fiche: 50-000, 84/10/16, 8411010257.

--8410310537 "Maint & Surveillance Program Plan."
* NRC - No Detailed Affiliation Given. 84/10/10. 35pp.
27264:310. 24X Fiche: 50-250, 84/10/16, 8411010257.

8411060264 Forwards Amends 110 & 104 to Licenses DPR-31 & DPR-41,
respectively & safety evaluation. Amends revise Tech Specs
for THX action items in response to Generic Ltr 83-37.
MCDONALD, D. G. Operating Reactors Branch 1. 84/10/17. WILLIAMS, J. W.
Florida Power & Light Co. 3pp. 27349:296. 24X
Fiche: 50-250, 84/10/17, 8411060264.

DOCKETED ITEMS

--B411060282 Amends 110 & 104 to Licenses DPR-31 & DPR-41, respectively, revising Tech Specs for TMI action items in response to Generic Ltr 83-87.
VARGA, S.A. Operating Reactors Branch 1. 84/10/17. 39pp.
27349:299. 24X Fiche: 50-250, 84/10/17, 8411060284.

--B411060301 Safety evaluation supporting Amends 110 & 104 to Licenses DPR-31 & DPR-41, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/17. 4pp.
27349:338. 24X Fiche: 50-250, 84/10/17, 8411060284.

B411090058 Forwards safety evaluations accepting util program for environ qualification of electrical equipment important to safety & resolution of deficiencies.
VARGA, S.A. Operating Reactors Branch 1. 84/10/25. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27423:131. 24X Fiche: 50-250, 84/10/25, 8411090058.

--B411090063 Safety evaluation accepting util program for environ qualification of electrical equipment important to safety & resolution of deficiencies identified in 820930 technical evaluation repts & 821213 SER. SALP input encl.
* Equipment Qualification Branch. 84/10/25. 19pp. 27423:133. 24X Fiche: 50-250, 84/10/25, 8411090058.

B411090269 Forwards response to 840702 Generic Ltr 84-15 re improving & maintaining diesel generator reliability. Program developed to reduce rapid start testing of emergency diesel generators. Reliability of each diesel generator reported.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/06. EISENHUT, D.G. Division of Licensing. 5pp. 27399:203. 24X Fiche: 50-250, 84/11/06, 8411090269.

B411140264 Forwards correction to author 840724 ltr forwarding offsite dose calculation manual. Ltr number should be L-84-188 instead of L-84-128.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/09. EISENHUT, D.G. Division of Licensing. 2pp. 27468:241. 24X Fiche: 50-250, 84/11/09, 8411140264.

--B411140273 Corrected ltr forwarding "Offsite Dose Calculation Manual for Gaseous & Liquid Effluents for Turkey Point Plant Units 3 & 4." Ltr number changed to L-84-188, w/o encl.
WILLIAMS, J.W. Florida Power & Light Co. 84/07/24. EISENHUT, D.G. Division of Licensing. 1p. 27468:242. 24X Fiche: 50-250, 84/11/09, 8411140264.

B411190447 Updates 840314 application for amend to Licenses DPR-31 & DPR-41, revising Tech Specs to reflect changes made in subsequent 840423 Amends 103 & 97 & 840905 Amends 109 & 103 re expansion of fuel storage facilities.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27553:075. 24X Fiche: 50-250, 84/11/16, 8411190447.

--B411190453 Proposed Tech Specs re expansion of spent fuel storage facilities.
* Florida Power & Light Co. 84/11/16. 11pp. 27553:077. 24X Fiche: 50-250, 84/11/16, 8411190447.

G. Inspection reports, IE Bulletins & correspondence

B411130673 Forwards Insp Repts 50-250/84-26 & 50-251/84-27 on 840814-17. No violations or deviations noted.
DANCE, H.C. Region 2, Office of Director. 84/09/20. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27461:167. 24X Fiche: 50-250, 84/09/20, 8411130673.

--B411130691 Insp Repts 50-250/84-26 & 50-251/84-27 on 840814-17. No violations or deviations noted. Major areas inspected: RCS leakage followup of LER & inspector identified items.
BURNETT, P.T., DAVENPORT, K.E., JAEPE, F. Region 2, Office of Director. 84/09/19. 11pp. 27461:169. 24X Fiche: 50-250, 84/09/20, 8411130673.

B411150339 Forwards Insp Repts 50-250/84-31 & 50-251/84-32 on 840910-13. No violations or deviations noted.
BROWNLEE, V.L. Region 2, Office of Director. 84/10/05. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27529:127. 24X Fiche: 50-250, 84/10/05, 8411150339.

--B411150342 Insp Repts 50-250/84-31 & 50-251/84-32 on 840910-13. No violations or deviations noted. Major areas inspected: emergency preparedness.
MARSTON, R.R., CLINE, W.E. Region 2, Office of Director. 84/10/03. 6pp. 27529:129. 24X Fiche: 50-250, 84/10/05, 8411150339.

B411140004 Ack receipt of 841001 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-250/84-22 & 50-251/84-23.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. WILLIAMS, J.W. Florida Power & Light Co. 1p. 27493:235. 24X Fiche: 50-250, 84/10/11, 8411140004.

--B411140007 Responds to NRC 840827 ltr re violations noted in Insp Repts 50-250/84-22 & 50-251/84-23. Corrective actions: operability criteria developed for charging pumps & boric acid transfer pumps. Maint Procedure MP-4107.7 revised.
WILLIAMS, J.W. Florida Power & Light Co. 84/10/01. O'REILLY, J.P. Region 2, Office of Director. 7pp. 27493:236. 24X Fiche: 50-250, 84/10/11, 8411140004.

--B411140010 Forwards Insp Repts 50-250/84-22 & 50-251/84-23 on 840610-0714 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/08/27. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27493:243. 24X Fiche: 50-250, 84/10/11, 8411140004.

--B411140013 Notice of violation from insp on 840610-0714.
* Region 2, Office of Director. 84/08/27. 3pp. 27493:245. 24X Fiche: 50-250, 84/10/11, 8411140004.

--B411140016 Insp Repts 50-250/84-22 & 50-251/84-23 on 840610-0714. Violations noted: lack of operability criteria for charging pumps & boric acid transfer pumps & failure to establish GC holdpoints.
PEEBLES, T.A., ELROD, S.A. Region 2, Office of Director. 84/08/21. 13pp. 27493:248. 24X Fiche: 50-250, 84/10/11, 8411140004.

B411130596 Confirms scheduling of 841017 meeting w/util at Region II ofc, per 841011 telcon. Meeting requested by NRC to discuss progress of performance enhancement program.
O'REILLY, J.P. Region 2, Office of Director. 84/10/16. WILLIAMS, J.W. Florida Power & Light Co. 1p. 27461:328. 24X Fiche: 50-250, 84/10/16, 8411130596.

B411140478 Discusses 841017 meeting re current status of performance enhancement program. Meeting beneficial & better understanding of plans provided.
O'REILLY, J.P. Region 2, Office of Director. 84/10/22. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27494:055. 24X Fiche: 50-250, 84/10/22, 8411140478.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

B411080356 Confirms 841029 telcon re 841102 meeting at site to review current status of plant performance enhancement program. Proposed meeting agenda encl. w/o encl.
O'REILLY, J.P. Region 2, Office of Director. 84/10/30. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27390:047. 24X Fiche: 50-250, 84/10/30, 8411080356.

B411080303 Summarizes 841023 meeting w/util in Region II ofc to discuss current status of plant performance enhancement program, status of program for improved operation & tentative plans for 841102 meeting at facility.
OLSHINSKI, J.A. Region 2, Office of Director. 84/10/31. WILLIAMS, J.W. Florida Power & Light Co. 1p. 27391:271. 24X Fiche: 50-250, 84/10/31, 8411080303.

B411080344 Summarizes 841024 meeting w/util at Region II ofc to discuss performance enhancement program, current events & outstanding regulatory issues. Meeting beneficial & provided better understanding of plans.
O'REILLY, J.P. Region 2, Office of Director. 84/10/31. ADOMAT, E.A. Florida Power & Light Co. 1p. 27390:049. 24X Fiche: 50-250, 84/10/31, 8411080344.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/03. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/03, 8411010487.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKETED ITEMS

39

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411260339 Forwards addl info re second 10-yr inservice insp summary plan, per 840817 request.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/20. VARGA, S.A. Operating Reactors Branch 1. 84pp. 27608:113. 24X Fiche: 50-250, 84/11/20, 8411260339.

R. Periodic operating reports & related correspondence

841150139 Monthly operating repts for Sept 1984. W/841015 ltr.
GRANT, N.W., WILLIAMS, J.W. Florida Power & Light Co. 84/09/30. 17pp. 27530:011. 24X Fiche: 50-000, 84/09/30, 841150139.

8411280030 Monthly operating repts for Oct 1984. W/841115 ltr.
GRANT, N.W., WILLIAMS, J.W. Florida Power & Light Co. 84/10/31. 17pp. 27685:243. 24X Fiche: 50-000, 84/10/31, 8411280030.

S. Reportable occurrences, LERs & related correspondence

8411010422 LER 84-025-00: on 840923, evaluation on intake CWS revealed component CWS HXs may not meet design heat removal capability under design inlet condition. Temporary limiting condition for operation established. W/841023 ltr.
HART, R.D., WILLIAMS, J.W. Florida Power & Light Co. 84/10/23. 3pp. 27244:360. 24X Fiche: 50-250, 84/10/23, 8411010422.

8411070113 LER 84-027-00: on 841002, damaged undervoltage trip attachment coil tape, cracked insulating link, cracked braze on manual closing mechanism bracket & failed bearing manual closing mechanism discovered. W/841101 ltr.
HART, R.D., WILLIAMS, J.W. Florida Power & Light Co. 84/11/01. 3pp. 27364:026. 24X Fiche: 50-250, 84/11/01, 8411070113.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

841190312 LER 84-026-00: on 841009, turbine runback to 70% reactor power occurred. Possibly caused by inadvertent transfer of power for panel 3P07 from normal inverter 3A spare inverter AS. Personnel trained. W/841108 ltr.
TEUTENBERG, R.L., WILLIAMS, J.W. Florida Power & Light Co. 84/11/08. 2pp. 27567:288. 24X Fiche: 50-250, 84/11/08, 841190312.

DOCKET 50-251 TURKEY POINT PLANT, UNIT 4

F. Security, medical, emergency & fire protection plans

841150339 Forwards Insp Repts 50-250/84-31 & 50-251/84-32 on 840910-13. No violations or deviations noted.
BROWNLEE, V.L. Region 2, Office of Director. 84/10/05. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27529:127. 24X Fiche: 50-250, 84/10/05, 841150339.

--841150342 Insp Repts 50-250/84-31 & 50-251/84-32 on 840910-13. No violations or deviations noted. Major areas inspected: emergency preparedness.
MARSTON, R.R. Region 2, Office of Director. 84/10/03. 6pp. 27529:129. 24X Fiche: 50-250, 84/10/03, 841150339.

841140298 Requests that 20-day submittal of annual emergency exercise objectives & detailed scenarios be eliminated & 45-day schedule be used w/all controller info, per 820129 ltr. No change needed in 75-day schedule.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27530:061. 24X Fiche: 50-000, 84/10/11, 841140298.

8411020212 Forwards info re temporary protected area barrier relocation. Alterations to protected area barrier do not decrease safeguards effectiveness. Encl withheld (ref 10CFR73.21).
WILLIAMS, J.W. Florida Power & Light Co. 84/10/25. O'REILLY, J.P. Region 2, Office of Director. 1p. 27260:117. 24X Fiche: 50-250, 84/10/25, 8411020212.

8411010348 Emergency plan implementing procedures, including 20101 re duties of emergency coordinator, 20110 re criteria for & conduct of owner controlled area evacuation & 20126 re offsite dose calculations. W/841029 ltr.
* Florida Power & Light Co. 84/10/29. O'REILLY, J.P. Region 2, Office of Director. 120pp. 27229:004. 24X Fiche: 50-250, 84/10/29, 8411010348.

8411080193 Revised Emergency Procedure 20113, "Maintaining Emergency Preparedness - Emergency Exercises, Drills, Tests & Evaluations." W/841101 ltr.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/01. O'REILLY, J.P. Region 2, Office of Director. 7pp. 27392:184. 24X Fiche: 50-250, 84/11/01, 8411080193.

8411280533 Forwards summary of 841002 meeting w/util concerning summary rept re open or confirmatory items described in 840510 detailed control room design review preimplementation audit rept. Attendance list encl.
VARGA, S.A. Operating Reactors Branch 1. 84/11/06. WILLIAMS, J.W. Florida Power & Light Co. 33pp. 27682:165. 24X Fiche: 50-000, 84/11/06, 8411280533.

841120113 Forwards info in response to NRC 841001 ltr re regulatory effectiveness review. Info withheld (ref 10CFR73.21).
WILLIAMS, J.W. Florida Power & Light Co. 84/11/07. VARGA, S.A. Operating Reactors Branch 1. 1p. 27429:214. 24X Fiche: 50-250, 84/11/07, 841120113.

8411200260 Requests exemptions from App R schedule requirements of 10CFR50.48 C(2)-C(4) for six items identified in Attachment 3. Updated schedules for required mods encl. W/three oversize charts. Aperture cards available in PDR.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/16. VARGA, S.A. Operating Reactors Branch 1. 7pp. 27569:030. 24X Fiche: 50-250, 84/11/16, 8411200260.

8411280291 Forwards payment of application fee for review of 841116 fire protection schedule exemption requests.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/26. VARGA, S.A. Operating Reactors Branch 1. 1p. 27658:078. 24X Fiche: 50-250, 84/11/26, 8411280291.

G. Adjudicatory correspondence

8411290402 Forwards Amends 111 & 105 to Licenses DPR-31 & DPR-41, respectively. 841114 environ assessment re expanded spent fuel storage & notice of issuance of environ assessment & finding of no significant impact. Related correspondence.
YOUNG, M.A. Hearing Branch 4. #484 342. 84/11/23. LAZO, R.M., LUEBKE, E.A., COLE, R.F. Atomic Safety and Licensing Board Panel. 75pp. 27676:302. 24X Fiche: 50-250, 84/11/23, 8411290402.

I. Financial information

8411280218 Notifies that NRC review of financial info submitted on 841107 found licensee in compliance w/10CFR140.21 requiring approved guarantee of payment of deferred premium for each reactor over 100 MWe.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. WILLIAMS, J.W. Florida Power & Light Co. 1p. 27681:361. 24X Fiche: 50-000, 84/11/16, 8411280218.

P. Operating license stage documents & correspondence

8411010257 Requests that 841025 presentation to EDO include comments on encl "Maint & Surveillance Program Plan." Addl detail needed re NRC coordination & evaluation of Nuclear Utilis Mgt & Human Resources Committee/INPO initiatives.
RUSSELL, W.T. Division of Human Factors Safety. 84/10/16. WOODY, C.D. Florida Power & Light Co. 1p. 27264:309. 24X Fiche: 50-000, 84/10/16, 8411010257.

8411060264 Forwards Amends 110 & 104 to Licenses DPR-31 & DPR-41, respectively & safety evaluation. Amends revise Tech Specs for TMI action items in response to Generic Ltr 83-37.
MCDONALD, D.O. Operating Reactors Branch 1. 84/10/17. WILLIAMS, J.W. Florida Power & Light Co. 3pp. 27349:296. 24X Fiche: 50-250, 84/10/17, 8411060264.

DOCKETED ITEMS

- 8411060282 Amends 110 & 104 to Licenses DPR-31 & DPR-41, respectively, revising Tech Specs for TMI action items in response to Generic Ltr 83-37.
VARGA, S.A. Operating Reactors Branch 1. 84/10/17. 39pp.
27349:299. 24X Fiche: 50-250, 84/10/17, 8411060264.
- 8411060301 Safety evaluation supporting Amends 110 & 104 to Licenses DPR-31 & DPR-41, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/17. 4pp.
27349:338. 24X Fiche: 50-250, 84/10/17, 8411060264.
- 8411090058 Forwards safety evaluations accepting util program for environ qualification of electrical equipment important to safety & resolution of deficiencies.
VARGA, S.A. Operating Reactors Branch 1. 84/10/25. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27423:131. 24X Fiche: 50-250, 84/10/25, 8411090058.
- 8411090063 Safety evaluation accepting util program for environ qualification of electrical equipment important to safety & resolution of deficiencies identified in 820930 technical evaluation repts & 821213 SER. SALP input encl.
* Equipment Qualification Branch. 84/10/25. 19pp. 27423:133. 24X Fiche: 50-250, 84/10/25, 8411090058.
- 8411090269 Forwards response to 840702 Generic Ltr 84-15 re improving & maintaining diesel generator reliability. Program developed to reduce rapid start testing of emergency diesel generators. Reliability of each diesel generator reported.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/06. EISENHUT, D.G. Division of Licensing. 5pp. 27399:203. 24X Fiche: 50-250, 84/11/06, 8411090269.
- 8411140264 Forwards correction to author 840724 ltr forwarding offsite dose calculation manual. Ltr number should be L-84-188 instead of L-84-128.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/09. EISENHUT, D.G. Division of Licensing. 2pp. 27468:241. 24X Fiche: 50-250, 84/11/09, 8411140264.
- 8411140273 Corrected ltr forwarding "Offsite Dose Calculation Manual for Gaseous & Liquid Effluents for Turkey Point Plant Units 3 & 4." Ltr number changed to L-84-188. W/o encl.
WILLIAMS, J.W. Florida Power & Light Co. 84/07/24. EISENHUT, D.G. Division of Licensing. 1p. 27468:242. 24X Fiche: 50-250, 84/11/09, 8411140264.
- 8411190447 Updates 840314 application for amend to Licenses DPR-31 & DPR-41, revising Tech Specs to reflect changes made in subsequent 840423 Amends 103 & 97 & 840905 Amends 109 & 103 re expansion of fuel storage facilities.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27553:075. 24X Fiche: 50-250, 84/11/16, 8411190447.
- 8411190453 Proposed Tech Specs re expansion of spent fuel storage facilities.
* Florida Power & Light Co. 84/11/16. 11pp. 27553:077. 24X Fiche: 50-250, 84/11/16, 8411190447.
- G. Inspection reports, IE Bulletins & correspondence**
- 8411130673 Forwards Insp Repts 50-250/84-26 & 50-251/84-27 on 840814-17. No violations or deviations noted.
DANCE, H.C. Region 2, Office of Director. 84/09/20. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27461:167. 24X Fiche: 50-250, 84/09/20, 8411130673.
- 8411130691 Insp Repts 50-250/84-26 & 50-251/84-27 on 840814-17. No violations or deviations noted. Major areas inspected: RCS leakage followup of LER & inspector identified items.
BURNETT, P.T., DAVENPORT, K.E., JAFFE, F. Region 2, Office of Director. 84/09/19. 11pp. 27461:169. 24X Fiche: 50-250, 84/09/20, 8411130673.
- Repts 50-250/84-31 & 50-251/84-32 on or deviations noted.
* Office of Director. 84/10/05. Power & Light Co. 2pp. 27529:127. 24X 41150339.
- 84-31 & 50-251/84-32 on 840910-13. No test. Major areas inspected:
Region 2, Office of Director. 84/10/03. 50-250, 84/10/05, 8411150339.
- 8411140004 Ack receipt of 841001 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-250/84-22 & 50-251/84-23.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. WILLIAMS, J.W. Florida Power & Light Co. 1p. 27493:235. 24X Fiche: 50-250, 84/10/11, 8411140004.
- 8411140007 Responds to NRC 840827 ltr re violations noted in Insp Repts 50-250/84-22 & 50-251/84-23. Corrective actions: operability criteria developed for charging pumps & boric acid transfer pumps. Maint Procedure MP-4107.7 revised.
WILLIAMS, J.W. Florida Power & Light Co. 84/10/01. O'REILLY, J.P. Region 2, Office of Director. 7pp. 27493:236. 24X Fiche: 50-250, 84/10/11, 8411140004.
- 8411140010 Forwards Insp Repts 50-250/84-22 & 50-251/84-23 on 840610-0714 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/08/27. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27493:243. 24X Fiche: 50-250, 84/10/11, 8411140004.
- 8411140013 Notice of violation from insp on 840610-0714.
* Region 2, Office of Director. 84/08/27. 3pp. 27493:245. 24X Fiche: 50-250, 84/10/11, 8411140004.
- 8411140016 Insp Repts 50-250/84-22 & 50-251/84-23 on 840610-0714. Violations noted: lack of operability criteria for charging pumps & boric acid transfer pumps & failure to establish GC holdpoints.
PEEBLES, T.A., ELROD, S.A. Region 2, Office of Director. 84/08/21. 13pp. 27493:248. 24X Fiche: 50-250, 84/10/11, 8411140004.
- 8411130596 Confirms scheduling of 841017 meeting w/util at Region II ofc. per 841011 telcon. Meeting requested by NRC to discuss progress of performance enhancement program.
O'REILLY, J.P. Region 2, Office of Director. 84/10/16. WILLIAMS, J.W. Florida Power & Light Co. 1p. 27461:328. 24X Fiche: 50-250, 84/10/16, 8411130596.
- 8411140478 Discusses 841017 meeting re current status of performance enhancement program. Meeting beneficial & better understanding of plans provided.
O'REILLY, J.P. Region 2, Office of Director. 84/10/22. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27494:055. 24X Fiche: 50-250, 84/10/22, 8411140478.
- 8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.
- 8411080356 Confirms 841029 telcon re 841102 meeting at site to review current status of plant performance enhancement program. Proposed meeting agenda encl. W/o encl.
O'REILLY, J.P. Region 2, Office of Director. 84/10/30. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27390:047. 24X Fiche: 50-250, 84/10/30, 8411080356.
- 8411080303 Summarizes 841023 meeting w/util in Region II ofc to discuss current status of plant performance enhancement program, status of program for improved operation & tentative plans for 841102 meeting at facility.
OLSHINSKI, J.A. Region 2, Office of Director. 84/10/31. WILLIAMS, J.W. Florida Power & Light Co. 1p. 27391:271. 24X Fiche: 50-250, 84/10/31, 8411080303.
- 8411080344 Summarizes 841024 meeting w/util at Region II ofc to discuss performance enhancement program, current events & outstanding regulatory issues. Meeting beneficial & provided better understanding of plans.
O'REILLY, J.P. Region 2, Office of Director. 84/10/31. ADDAMAT, E.A. Florida Power & Light Co. 1p. 27390:049. 24X Fiche: 50-250, 84/10/31, 8411080344.
- 8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.
- 8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.
- 8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27447:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKETED ITEMS

41

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411260339 Forwards addl info re second 10-yr inservice insp summary plan, per 840817 request.
WILLIAMS, J. W. Florida Power & Light Co. 84/11/20. VARGA, S. A. Operating Reactors Branch 1. 84pp. 27608:113. 24X Fiche: 50-250, 84/11/20, 8411260339.

R. Periodic operating reports & related correspondence

841150139 Monthly operating repts for Sept 1984. W/841015 ltr.
GRANT, N. W., WILLIAMS, J. W. Florida Power & Light Co. 84/09/30. 17pp. 27530:011. 24X Fiche: 50-000, 84/09/30, 841150139.

8411280030 Monthly operating repts for Oct 1984. W/841115 ltr.
GRANT, N. W., WILLIAMS, J. W. Florida Power & Light Co. 84/10/31. 17pp. 27685:243. 24X Fiche: 50-000, 84/10/31, 8411280030.

S. Reportable occurrences, LERs & related correspondence

8411010428 LER 84-021-00: on 840920, turbine runback & subsequent reactor trip occurred. Caused by blown fuse tripping normal static inverter. Fuse replaced. Logic outputs checked, per manufacturer maint manual. W/841022 ltr.
HART, R. D., WILLIAMS, J. W. Florida Power & Light Co. 84/10/22. 3pp. 27245:024. 24X Fiche: 50-251, 84/10/22, 8411010428.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

841160419 LER 84-024-00: on 840907, temp average & delta temp summator module NM412D found defective. Mgt determined problem reportable as generic defect on 841015. Module replaced & engineering staff evaluating module upgrade. W/841107 ltr.
HART, R. D., WILLIAMS, J. W. Florida Power & Light Co. 84/11/07. 3pp. 27545:243. 24X Fiche: 50-251, 84/11/07, 841160419.

841190596 LER 84-022-00: on 841009, during heat up from cold to hot shutdown, reactor trip occurred. Caused by blown fuse supplying instrument power to panel 4P07, which caused instrumentation bistables to deenergize. W/841108 ltr.
TENTEBERG, R. L., WILLIAMS, J. W. Florida Power & Light Co. 84/11/08. 3pp. 27586:245. 24X Fiche: 50-251, 84/11/08, 841190596.

8411280145 LER 84-023-00: on 841016, reactor trip occurred. Caused by detector on NIS N-32 channel failing & generating high level signal. NIS channel N-32 taken out of svc & detector replaced. W/841115 ltr.
TENTEBERG, R. L., WILLIAMS, J. W. Florida Power & Light Co. 84/11/15. 2pp. 27685:006. 24X Fiche: 50-251, 84/11/15, 8411280145.

DOCKET 50-254 GUAD CITIES STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

841130484 Forwards Insp Repts 50-254/84-16 & 50-265/84-14 on 840906-1006. No noncompliance noted.
SHAFFER, M. D. Region 3, Office of Director. 84/10/17. REED, C. Commonwealth Edison Co. 2pp. 27463:239. 24X Fiche: 50-254, 84/10/17, 841130484.

--841130495 Insp Repts 50-254/84-16 & 50-265/84-14 on 840906-1006. No noncompliance noted. Major areas inspected: operations, radiological controls, maint/mods, surveillance, fire protection, emergency preparedness & security.
CHRISBOTHOMS, N. Region 3, Office of Director. 84/10/17. 5pp. 27463:241. 24X Fiche: 50-254, 84/10/17, 841130484.

841160523 Forwards Insp Repts 50-254/84-18 & 50-265/84-16 on 840924-28. No noncompliance or deviations noted.
GREGER, L. R. Region 3, Office of Director. 84/10/26. REED, C. Commonwealth Edison Co. 2pp. 27545:148. 24X Fiche: 50-254, 84/10/26, 841160523.

--841160534 Insp Repts 50-254/84-18 & 50-265/84-16 on 840924-28. No noncompliance noted. Major areas inspected: emergency preparedness plan, including emergency detection & classification & notifications & communications.
PLOSKE, T., PHILLIPS, M. P. Region 3, Office of Director. 84/10/26. 17pp. 27545:150. 24X Fiche: 50-254, 84/10/26, 841160523.

841150092 Forwards "Quad Cities Nuclear Power Station Emergency Operating Procedures Generation Package." Package includes plant-specific technical guidelines, emergency procedures writers guide & training program description.
RYBAK, B. Commonwealth Edison Co. 84/10/30. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27500:289. 24X Fiche: 50-254, 84/10/30, 841150092.

--841150095 "Quad Cities Nuclear Power Station Emergency Operating Procedures Generation Package."
* Commonwealth Edison Co. 84/10/30. 89pp. 27500:291. 24X Fiche: 50-254, 84/10/30, 841150092.

8411050436 Revised emergency plan implementing procedures, including GEP 370-0 re affected onsite personnel & GEP 370-1 re first aid procedure.
* Commonwealth Edison Co. 84/10/31. 7pp. 27298:035. 24X Fiche: 50-254, 84/10/31, 8411050436.

8411060475 Revised emergency plan implementing procedures, including GEP 120 re operations director, GEP 120-T1 re guidelines for search & rescue team operations & GEP 310-1 re initial notification.
* Commonwealth Edison Co. 84/10/31. 43pp. 27312:275. 24X Fiche: 50-254, 84/10/31, 8411060475.

841160334 Revised environ emergency plan implementing procedures including EG-1 re coordination of environ group activities & EG-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR.
THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022. 24X Fiche: 50-000, 84/10/31, 841160334.

P. Operating license stage documents & correspondence

8411050243 Forwards "Reactor Containment Bldg Integrated Leak Rate Test, Quad-Cities Nuclear Power Station, Unit One, 840724-27," per 10CFR50. App J. Commission approval requested for next Type A test scheduled for Fall 1985.
KALIVIANAKIS, N. Commonwealth Edison Co. 84/10/24. DENTON, H. Office of Nuclear Reactor Regulation, Director. 1p. 27302:283. 24X Fiche: 50-254, 84/10/24, 8411050243.

--8411050252 "Reactor Containment Bldg Integrated Leak Rate Test, Quad-Cities Nuclear Power Station, Unit One, 840724-27."
* Commonwealth Edison Co. 84/07/24. 68pp. 27302:284. 24X Fiche: 50-254, 84/10/24, 8411050243.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D. C. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, 8410290050.

841150017 Advises that TMI Item III.D.3.4, "Control Room Habitability," not fully operable at facilities, in response to Generic Ltrs 82-05 & 82-10. Minor work incomplete. Sys will be operable by 841231.
RYBAK, B. Commonwealth Edison Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27504:250. 24X Fiche: 50-000, 84/10/31, 841150017.

841150002 Forwards procedure for initiation of containment spray cooling, temp analysis inputs for CONTEMPT & break drywell temp analysis in response to NRC request during 840913 meeting.
RYBAK, B. Commonwealth Edison Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 39pp. 27504:096. 24X Fiche: 50-000, 84/11/05, 841150002.

841150004 Forwards "Quad Cities Nuclear Power Station Unit 1 Cycle 8 Startup Test Results."
RYBAK, B. Commonwealth Edison Co. 84/11/08. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27504:183. 24X Fiche: 50-254, 84/11/08, 841150004.

DOCKETED ITEMS

--841150012 "Quad Cities Nuclear Power Station Unit 1 Cycle B Startup Test Results."
* Commonwealth Edison Co. ID/TS2-B. 84/11/08. 10pp. 27504:184.
24X Fiche:50-254,84/11/08,841150004.

8411290045 Advises that 840612 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/14. FARRAR, D.L. Commonwealth Edison Co. 2pp. 27700:299. 24X Fiche:50-254,84/11/14, 8411290045.

8411290018 Forwards survey questions re surveillance & control methods used to detect & control fouling of safety sys by Asiatic clams & blue mussels. Survey will be used as part of effort to address means for detecting & controlling agents.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/15. FARRAR, D.L. Commonwealth Edison Co. 3pp. 27700:267. 24X Fiche:50-254,84/11/15, 8411290018.

G. Inspection reports, IE Bulletins & correspondence

8411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907.
NORELIUS, C.E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 24X Fiche:50-000,84/10/16,8411130238.

--8411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, ... on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites.
SUERMANN, J.F. Region 3, Office of Director. 84/10/12. 5pp. 24X Fiche:50-000,84/10/16,8411130238.

8411130370 Forwards Insp Repts 50-254/84-19 & 50-265/84-17 on 840924-28 & notice of violation.
SHAFFER, W.D. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 2pp. 27459:042. 24X Fiche:50-254,84/10/16, 8411130370.

--8411130375 Notice of violation from insp on 840924-28.
SHAFFER, W.D. Region 3, Office of Director. 84/10/16. 1p. 27459:044. 24X Fiche:50-254,84/10/16,8411130370.

--8411130380 Insp Repts 50-254/84-19 & 50-265/84-17 on 840924-28. Noncompliance noted: Failure to properly control high radiation area door. R-gate to northeast RHR area unlocked, w/o control devices or alarms.
CHRISTOTIMOS, N. Region 3, Office of Director. 84/10/16. 11pp. 27459:045. 24X Fiche:50-254,84/10/16,8411130370.

8411130484 Forwards Insp Repts 50-254/84-16 & 50-265/84-14 on 840906-1006. No noncompliance noted.
SHAFFER, W.D. Region 3, Office of Director. 84/10/17. REED, C. Commonwealth Edison Co. 2pp. 27463:239. 24X Fiche:50-254,84/10/17, 8411130484.

--8411130495 Insp Repts 50-254/84-16 & 50-265/84-14 on 840906-1006. No noncompliance noted. Major areas inspected: operations, radiological controls, maint/mods, surveillance, fire protection, emergency preparedness & security.
CHRISTOTIMOS, N. Region 3, Office of Director. 84/10/17. 5pp. 27463:241. 24X Fiche:50-254,84/10/17,8411130484.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche:50-000,84/10/26,8410250031.

8411160523 Forwards Insp Repts 50-254/84-18 & 50-265/84-16 on 840924-28. No noncompliance or deviations noted.
GREGOR, L.R. Region 3, Office of Director. 84/10/26. REED, C. Commonwealth Edison Co. 2pp. 27545:148. 24X Fiche:50-254,84/10/26, 8411160523.

--8411160534 Insp Repts 50-254/84-18 & 50-265/84-16 on 840924-28. No noncompliance noted. Major areas inspected: emergency preparedness plan, including emergency detection & classification & notifications & communications.
PLOSKE, T., PHILLIPS, M.P. Region 3, Office of Director. 84/10/26. 17pp. 27545:150. 24X Fiche:50-254,84/10/26,8411160523.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche:50-000,84/11/02,8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche:50-000,84/11/02,8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche:50-000,84/11/08,8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche:50-000,84/11/16,8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche:50-000,84/11/16,8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche:50-000,84/11/19,8411150054.

R. Periodic operating reports & related correspondence

8411210461 Monthly operating repts for Oct 1984. W/841101 ltr.
KIMLER, D., KALIVIANAKIS, N. Commonwealth Edison Co. 84/10/31. 22pp. 27607:141. 24X Fiche:50-254,84/10/31,8411210461.

8411190153 Forwards listing of changes, tests & experiments completed during Oct 1984.
KALIVIANAKIS, N. Commonwealth Edison Co. 84/11/01. CASE, E.G. Office of Nuclear Reactor Regulation, Director. 3pp. 27554:359. 24X Fiche:50-254,84/11/01,8411190153.

S. Reportable occurrences, LERs & related correspondence

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche:50-000,84/11/06,8411190524.

DOCKET 50-255 PALISADES NUCLEAR PLANT

F. Security, medical, emergency & fire protection plans

8411070066 Rev 0 to Emergency Plan Implementing Procedure EI-7.3, "Hydrogen Analysis of Post-Accident Samples."
* Consumers Power Co. 84/05/23. 4pp. 27363:313. 24X Fiche:50-255,84/05/23,8411070066.

8411070037 Temporary Change TCN-EI-84-004 to Rev 1 to Emergency Implementation Procedure EI-7.1, "Post-Accident Sampling."
* Consumers Power Co. 84/08/20. 4pp. 27358:181. 24X Fiche:50-255,84/08/20,8411070037.

8411070059 List of effective pages to emergency implementation procedures.
* Consumers Power Co. 84/10/29. 5pp. 27364:020. 24X Fiche:50-255,84/10/29,8411070059.

8411090232 Requests submittal of Unescorted Access Authorization Renewal Form 1302, authorizing individuals shown on Nuclear Plant Admittance Sys RPT-72 unescorted access.
PAPERIELLO, C.J. Region 3, Office of Director. 84/11/02. CUMMINGS, A.R. Consumers Power Co. 1p. 27398:043. 24X Fiche:50-255,84/11/02,8411090232.

8411270032 Application to amend License DPR-20, revising Tech Specs re control room ventilation sys. in response to NUREG-0737 & Generic Ltr 83-37. Fee paid.
VANDEWALLE, D.J. Consumers Power Co. 84/11/19. Office of Nuclear Reactor Regulation, Director. 4pp. 27629:223. 24X Fiche:50-255,84/11/19,8411270032.

DOCKETED ITEMS

43

--8411270036 Proposed Tech Spec changes re control room ventilation sys. in response to NUREG-0737 & Generic Ltr 83-37.
* Consumers Power Co. 84/11/19. 12pp. 27629:227. 24X
Fiche: 50-255, 84/11/19, 8411270032.

H. General correspondence

8411140330 Informs of reorganization of util nuclear operations dept. Reorganization intended to improve effectiveness & will be complete by 841201. On basis of info provided, reorganization meets intent of current Tech Specs. Supporting info encl.
VANDEWALLE, D. J. Consumers Power Co. 84/11/08. Office of Nuclear Reactor Regulation, Director. 4pp. 27469:134. 24X
Fiche: 50-000, 84/11/08, 8411140330.

P. Operating license stage documents & correspondence

8411060146 Forwards monthly status rept on plant-specific backfits through Aug 1984. Proposed mode to interim procedures, reflecting more accurate appeal process, being developed.
EISENHUT, D. G. Division of Licensing. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 9pp. 27383:248. 24X
Fiche: 50-000, 84/10/26, 8411060146.

8411060384 Forwards "Physics Testing Rept for Cycle 6 Startup." Test results show all acceptance criteria met & in conformance w/791031 ltr entitled, "Physics Test Program," except for symmetric rod worth.
JOHNSON, B. D. Consumers Power Co. 84/10/26. KEPPLER, J. G. Region 3, Office of Director. 1p. 27320:280. 24X Fiche: 50-255, 84/10/26, 8411060384.

--8411060386 "Physics Testing Rept for Cycle 6 Startup."
* Consumers Power Co. 84/10/31. 21pp. 27320:281. 24X
Fiche: 50-255, 84/10/26, 8411060384.

8411140317 Informs of refund of fee for 810511 application for amend to License DPR-20, requesting Tech Spec changes to define upper boundary for enrichment of assemblies to be stored in spent fuel pool. No NRC action taken on application.
MILLER, W. O. License Fee Management Branch. 84/10/31.
VANDEWALLE, D. J. Consumers Power Co. 1p. 27525:105. 24X
Fiche: 50-255, 84/10/31, 8411140317.

8411200373 Forwards WCAP-10637, "Analysis of Capsules T-330 & W-290 From CPC Palisades Reactor Vessel Radiation Surveillance Program."
JOHNSON, B. D. Consumers Power Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 3pp. 27570:296. 24X
Fiche: 50-255, 84/10/31, 8411200373.

--8411200379 "Analysis of Capsules T-330 & W-290 From CPC Palisades Reactor Vessel Radiation Surveillance Program."
KUNKA, M. K., CHENEY, C. A., MEYER, T. A. Westinghouse Electric Corp. WCAP-10637. 84/09/30. 119pp. 27570:299. 24X
Fiche: 50-255, 84/10/31, 8411200373.

841120099 Responds to 841102 request for addl info re util 840806 Tech Spec change request concerning plant review committee (PRC) reviews. PRC reviews examined by committee chairman, GA dept & nuclear safety board.
BORDINE, T. C. Consumers Power Co. 84/11/05. Office of Nuclear Reactor Regulation, Director. 2pp. 27429:217. 24X
Fiche: 50-000, 84/11/05, 841120099.

8411140189 Requests extension until 841231 to submit Chapter 14 of Rev O to updated FSAR.
VANDEWALLE, D. J. Consumers Power Co. 84/11/08. EISENHUT, D. G. Division of Licensing. 1p. 27466:139. 24X Fiche: 50-255, 84/11/08, 8411140189.

8411160327 Forwards Amend 85 to License DPR-20 & safety evaluation. Amend modifies Tech Specs to add radiological effluent Tech Specs necessary to implement requirements of 10CFR50, App I.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/09.
VANDEWALLE, D. J. Consumers Power Co. 3pp. 27536:224. 24X
Fiche: 50-255, 84/11/09, 8411160327.

--8411160333 Amend 85 to License DPR-20, modifying Tech Specs to add radiological effluent Tech Specs necessary to implement requirements of 10CFR50, App I.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/09. 84pp. 27536:227. 24X Fiche: 50-255, 84/11/09, 8411160327.

--8411160340 Safety evaluation supporting Amend 85 to License DPR-20.
* Office of Nuclear Reactor Regulation, Director. 84/11/09. 7pp. 27536:311. 24X Fiche: 50-255, 84/11/09, 8411160327.

--8409210151 "Radiological Effluent Tech Spec Implementation (A-2), Palisades Plant," technical evaluation rept.
CHEN, S. ARVIN/CALSPAN Advanced Technology Center. NRC-03-81-130. TER-C5506-107. 84/09/18. CONGEL, F., WILLIS, C. NRC - No Detailed Affiliation Given. 32pp. 67523:092. 24X Fiche: 50-255, 84/11/09, 8411160327.

8411270264 Forwards request for addl info re Items 4.2.1 & 4.2.2 of Generic Ltr 83-28, "Preventative Maint & Trending Programs for Reactor Trip Breakers," in order to complete review. Response required within 60 days.
ZWOLINSKI, J. A. Operating Reactors Branch 5. 84/11/26.
VANDEWALLE, D. J. Consumers Power Co. 4pp. 27635:328. 24X
Fiche: 50-255, 84/11/26, 8411270264.

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411210435 Forwards Insp Rept 50-255/84-19 on 840909-1013. No noncompliance noted.
SHAFFER, W. D. Region 3, Office of Director. 84/11/01. DEWITT, R. B. Consumers Power Co. 2pp. 27607:082. 24X Fiche: 50-255, 84/11/01, 8411210435.

--8411210444 Insp Rept 50-255/84-19 on 840909-1013. No noncompliance noted. Major areas inspected: operational safety, maint, surveillance & independent insp areas.
WRIGHT, G. Region 3, Office of Director. 84/11/01. 5pp. 27607:084. 24X Fiche: 50-255, 84/11/01, 8411210435.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411290391 Forwards Insp Rept 50-255/84-21 on 841001-05. No noncompliance noted.
GREGOR, L. R. Region 3, Office of Director. 84/11/06. DEWITT, R. B. Consumers Power Co. 2pp. 27721:266. 24X Fiche: 50-255, 84/11/06, 8411290391.

--8411290394 Insp Rept 50-255/84-21 on 841001-05, 09 & 11. No violations or deviations noted. Major areas inspected: confirmatory measurements program, radiological environ monitoring program & internal chemistry audits.
ROZAK, S., DESTMANN, M. J. Region 3, Office of Director. 84/11/05. 12pp. 27721:268. 24X Fiche: 50-255, 84/11/06, 8411290391.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411190347 Ack receipt of 841107 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-255/84-09.
WALKER, R. D. Region 3, Office of Director. 84/11/14. Consumers Power Co. 1p. 27553:337. 24X Fiche: 50-255, 84/11/14, 8411190347.

--8411190354 Responds to NRC 840629 ltr re violations noted in Insp Rept 50-255/84-09. Corrective actions: implementation procedures revised to clarify conditional matl release usage.
VANDEWALLE, D. J. Consumers Power Co. 84/11/07. KEPPLER, J. G. Region 3, Office of Director. 2pp. 27553:358. 24X
Fiche: 50-255, 84/11/14, 8411190347.

8411200142 Responds to IE Bulletin 84-03, "Refueling Cavity Water Seal." Procedures assuring that any leak due to improper installation will be detected before any fuel moved discussed. Seal diagram encl.
VANDEWALLE, D. J. Consumers Power Co. 84/11/15. KEPPLER, J. G. Region 3, Office of Director. 5pp. 27577:340. 24X Fiche: 50-255, 84/11/15, 8411200142.

DOCKETED ITEMS

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BHRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411260431 Submits addl info to 841105 ltr re methods for reviewing adequacy of plant review committee routing sys per insp rept. Util prefers to delegate responsibility for assessing adequacy of routing sys to independent group.
VANDEWALLE, D.J. Consumers Power Co. 84/11/20. Office of Nuclear Reactor Regulation, Director. 2pp. 27610:050. 24X Fiche: 50-000, 84/11/20, 8411260431.

R. Periodic operating reports & related correspondence

8411260122 Monthly operating rept for Oct 1984. W/841108 ltr.
DIENES, A.F., VANDENBERG, D. Consumers Power Co. 84/10/31. 4pp. 27645:234. 24X Fiche: 50-255, 84/10/31, 8411260122.

S. Reportable occurrences, LERs & related correspondence

841120462 LER 84-021-00: on 840916, primary coolant pump P-50C shutdown due to failure of all seals except vapor seal. Volt & pin coupling pump shaft to impeller also failed. Cause may be improper assembly of rotating element or pump. W/841031 ltr.
ROGERS, D.W., FRISCH, R.R. Consumers Power Co. 84/10/31. 2pp. 27458:045. 24X Fiche: 50-255, 84/10/31, 841120462.

8411290568 LER 84-022-00: on 840926, containment bldg air temp discovered to be routinely greater than 104 F assumed in main steam line break accident analysis. Caused by personnel error. Temp limits established. W/841121 ltr.
ROGERS, D.W., JOHNSON, B.D. Consumers Power Co. 84/11/21. 3pp. 27722:094. 24X Fiche: 50-255, 84/11/21, 8411290568.

DOCKET 50-259 BROWNS FERRY NUCLEAR POWER STATION, UNIT 1

F. Security, medical, emergency & fire protection plans.

8411010306 Discusses completed review of Revs 5-14 to radiological emergency plan. Changes to emergency plan implementing procedures should be made per requirements of 10CFR50, App E, Section V.
VERRELLI, D.M. Region 2, Office of Director. 84/09/27. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27249:319. 24X Fiche: 50-259, 84/09/27, 8411010306.

8411140422 Forwards Enforcement Conference Repts 50-259/84-39, 50-260/84-39 & 50-296/84-39 on 840926. Security violation discussed in Insp Repts 50-259/84-30, 50-260/84-30 & 50-296/84-30.
O'REILLY, J.P. Region 2, Office of Director. 84/10/05. PARRIS, H.G. Tennessee Valley Authority. 3pp. 27494:356. 24X Fiche: 50-259, 84/10/05, 8411140422.

8411140530 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27495:212. 24X Fiche: 50-000, 84/10/11, 8411140530.

8411080439 Forwards request for addl info re util 840730 ltr providing ODC for safety parameter display sys. Info required within 30 days to meet requirements of NUREG-0737, Suppl 1.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/22. PARRIS, H.G. Tennessee Valley Authority. 5pp. 27405:148. 24X Fiche: 50-259, 84/10/22, 8411080439.

841160003 Ack receipt of 841004 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27.
LEWIS, R.C. Region 2, Office of Director. 84/10/23. PARRIS, H.G. Tennessee Valley Authority. 1p. 27544:067. 24X Fiche: 50-259, 84/10/23, 841160003.

--841160013 Responds to NRC 840831 ltr re violations noted in Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27. Corrective actions: Mechanical Maint Instruction 122 revised to include strainer locations for sprinkler sys.
MILLS, L.M. Tennessee Valley Authority. 84/10/04. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27544:068. 24X Fiche: 50-259, 84/10/23, 841160003.

--841160019 Notice of violation from insp on 840807-10.
* Region 2, Office of Director. 84/08/31. 2pp. 27544:073. 24X Fiche: 50-259, 84/10/23, 841160003.

--841160022 Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27 on 840807-10. Violations noted: failure to include strainers for all fire protection sprinkler sys in Maint Procedure MMI 122 & failure to meet fire brigade requirements.
MILLER, W.H. Region 2, Office of Director. 84/08/28. 7pp. 27544:075. 24X Fiche: 50-259, 84/10/23, 841160003.

8411080307 "Browns Ferry Nuclear Plant Radiological Emergency Preparedness Exercise."
* Tennessee Valley Authority. * Alabama, State of. 84/10/24. 180pp. 27391:075. 24X Fiche: 50-259, 84/10/24, 8411080307.

8411210388 Forwards Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively, safety evaluation & notice of denial of amends in part. Amends revise conditions to reflect changes in physical security plan.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/29. PARRIS, H.G. Tennessee Valley Authority. 3pp. 27626:042. 24X Fiche: 50-259, 84/10/29, 8411210388.

--8411210396 Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively, revising conditions to reflect changes in physical security plans.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/29. 6pp. 27626:043. 24X Fiche: 50-259, 84/10/29, 8411210388.

--8411210408 Notice of denial of amends, in part, to Licenses DPR-33, DPR-52 & DPR-68 & opportunity for hearing re access to containment during refueling or major maint.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/29. 3pp. 27626:063. 24X Fiche: 50-259, 84/10/29, 8411210388.

8411050288 Revised Central Emergency Control Ctr Implementing Procedures IP-1 re transportation accident involving shipment of radwaste & IP-6 re alert; site area, emergency & general emergency. W/841030 ltr.
MILLS, L.M. Tennessee Valley Authority. 84/10/30. O'REILLY, J.P. Region 2, Office of Director. 16pp. 27301:323. 24X Fiche: 50-000, 84/10/30, 8411050288.

8411050352 Revised emergency plan implementing procedures, including IP-26 re tornado emergency procedure, IP-2 re notification of unusual event & IP-3 re alert. W/841030 ltr.
MILLS, L.M. Tennessee Valley Authority. 84/10/30. O'REILLY, J.P. Region 2, Office of Director. 88pp. 27298:271. 24X Fiche: 50-259, 84/10/30, 8411050352.

8411200275 Forwards Page 8-4 of Vol 1 of 841031 ltr on App R to 10CFR50 re fire protection. Page inadvertently omitted from submittal.
DIMER, J.A. Tennessee Valley Authority. 84/11/15. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27571:317. 24X Fiche: 50-259, 84/11/15, 8411200275.

8411200009 Forwards Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified.
VERRELLI, D.M. Division of Project & Resident Programs. 84/11/16. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27578:051. 24X Fiche: 50-259, 84/11/16, 8411200009.

--8411200020 Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified. Major areas inspected: testing & maint; security sys & security plan. Details withheld (ref 10CFR2.790).
HALL, B.L. Region 2, Office of Director. 84/11/14. 1p. 27578:053. 24X Fiche: 50-259, 84/11/16, 8411200009.

8411200304 Advises that 840921 Rev 9 to generic security personnel training & qualification plan inconsistent w/provisions of 10CFR50.54(p) & unacceptable. Addl info delineated in encl requested. Encl withheld (ref 10CFR2.71).
OLSHINSKI, J.A. Region 2, Office of Director. 84/11/16. PARRIS, H.G. Tennessee Valley Authority. 3pp. 27576:241. 24X Fiche: 50-000, 84/11/16, 8411200304.

DOCKETED ITEMS

45

P. Operating license stage documents & correspondence

8411010054 Forwards summary of 840926 meeting w/util in Atlanta, GA re util GA reorganization. Attendee list encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/09. PARRIS, H. G.
Tennessee Valley Authority. 4pp. 27250:198. 24X
Fiche: 50-000, 84/10/09, 8411010054.

8411010125 Forwards corrected Amends 103, 97 & 71 to Licenses DPR-33, DPR-52 & DPR-68, respectively. Amends contained editorial errors. Replacement of erroneous pages w/corrected pages requested.
CLARK, R. J. Operating Reactors Branch 2. 84/10/10. PARRIS, H. G.
Tennessee Valley Authority. 2pp. 27261:001. 24X
Fiche: 50-259, 84/10/10, 8411010125.

--8411010135 Corrected Amends 103, 97 & 71 to Licenses DPR-33, DPR-52 & DPR-68 respectively, correcting editorial errors in original issuances.
* NRC - No Detailed Affiliation Given. 84/10/10. 5pp.
27261:003. 24X Fiche: 50-259, 84/10/10, 8411010125.

--8411010135 Corrected Amends 103, 97 & 71 to Licenses DPR-33, DPR-52 & DPR-68, respectively, correcting editorial errors in original issuances.
* NRC - No Detailed Affiliation Given. 84/10/10. 5pp.
27261:003. 24X Fiche: 50-259, 84/10/10, 8411010125.

8411010129 Forwards corrected Amend 111 to License DPR-33. Amend contained errors. Table 4.2. A notes not re-numbered to reflect addition of new note added by amend.
CLARK, R. J. Operating Reactors Branch 2. 84/10/10. PARRIS, H. G.
Tennessee Valley Authority. 2pp. 27261:009. 24X
Fiche: 50-259, 84/10/10, 8411010129.

--8411010136 Corrected Amend 111 to License DPR-33, renumbering pages of original issuance covering surveillance requirements for primary containment & reactor bldg isolation instrumentation.
* NRC - No Detailed Affiliation Given. 84/10/10. 3pp.
27261:011. 24X Fiche: 50-259, 84/10/10, 8411010129.

8411010291 Forwards corrected Amends 98, 92, & 65 to Licenses DPR-33, DPR-52 & DPR-68, respectively.
CLARK, R. J. Operating Reactors Branch 2. 84/10/11. PARRIS, H. G.
Tennessee Valley Authority. 2pp. 27264:154. 24X
Fiche: 50-259, 84/10/11, 8411010291.

--8411010300 Corrected Amends 98, 92 & 65 to Licenses DPR-33, DPR-52 & DPR-68, respectively, correcting editorial errors.
* NRC - No Detailed Affiliation Given. 84/10/11. 15pp.
27264:156. 24X Fiche: 50-259, 84/10/11, 8411010291.

841150279 Advises that GA program submitted on 830711 satisfies requirements of 10CFR50, App B & acceptable.
LEWIS, R. C. Region 2, Office of Director. 84/10/12. PARRIS, H. G.
Tennessee Valley Authority. 2pp. 27328:298. 24X
Fiche: 50-000, 84/10/12, 841150279.

8411060286 Forwards Amends 114, 108 & 82 to Licenses DPR-33, DPR-52 & DPR-68, respectively & safety evaluation. Amends revise reactor water cleanup sys isolation instrumentation & RHR svc water pump operability requirements.
CLARK, R. J. Operating Reactors Branch 2. 84/10/16. PARRIS, H. G.
Tennessee Valley Authority. 2pp. 27329:251. 24X
Fiche: 50-259, 84/10/16, 8411060286.

--8411060304 Amends 114, 108 & 82 to Licenses DPR-33, DPR-52 & DPR-68, respectively, revising reactor water cleanup sys isolation instrumentation & RHR svc water pump operability requirements & drywell-to-torus leak rate testing bases.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/16. 62pp.
27329:253. 24X Fiche: 50-259, 84/10/16, 8411060286.

--8411060313 Safety evaluation supporting Amends 114, 108 & 82 to Licenses DPR-33, DPR-52 & DPR-68, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/16. 6pp.
27329:315. 24X Fiche: 50-259, 84/10/16, 8411060286.

8411020409 Forwards request for exemption from functional test requirements of Tech Spec 4.6.H for torus restraint snubbers. Description, justification & safety evaluation for request encl. Approval requested by 850119.
MILLS, L. M. Tennessee Valley Authority. 84/10/19. DENTON, H. R.
Office of Nuclear Reactor Regulation, Director. 5pp. 27272:187.
24X Fiche: 50-259, 84/10/19, 8411020409.

8411020310 Application for amend to Licenses DPR-33, DPR-52 & DPR-68, revising Tech Specs re auxiliary electrical sys to reflect changes in 161 kV offsite power sys capability. Fee paid.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. DENTON, H. R.
Office of Nuclear Reactor Regulation, Director. 2pp. 27252:214.
24X Fiche: 50-259, 84/10/22, 8411020310.

--8411020320 Proposed Tech Specs re auxiliary electrical sys reflecting changes in 161 kV offsite power sys capability.
* Tennessee Valley Authority. 84/10/22. 58pp. 27252:216. 24X
Fiche: 50-259, 84/10/22, 8411020310.

8411160162 Forwards Rev B to "GA Program Description for Design, Const & Operation of TVA Nuclear Power Plants," reflecting organizational changes in program.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P.
Region 2, Office of Director. 2pp. 27537:331. 24X
Fiche: 50-000, 84/10/22, 8411160162.

--8411160177 Rev B to "GA Program Description for Design, Const & Operation of TVA Nuclear Power Plants."
* Tennessee Valley Authority. TVA-TR75-1A R08. 84/10/22. 239pp.
27537:333. 24X Fiche: 50-000, 84/10/22, 8411160162.

8411080523 Forwards SER re 840920 request for exemptions from 10CFR50, App J requirements. Exemption requests acceptable w/exception of item re reactor bldg closed cooling water Valves 70-47 & 70-506.
EISENHUT, D. G. Division of Licensing. 84/10/24. PARRIS, H. G.
Tennessee Valley Authority. 2pp. 27408:198. 24X
Fiche: 50-259, 84/10/24, 8411080523.

--8411080526 Safety evaluation re 840920 request for exemptions from 10CFR50 App J requirements. Exemption requests acceptable w/exception of item re reactor bldg closed cooling water Valves 70-47 & 70-506.
* Office of Nuclear Reactor Regulation, Director. 84/10/24. 3pp.
27408:200. 24X Fiche: 50-259, 84/10/24, 8411080523.

--8112280441 "Containment Leakage Rate Testing," technical evaluation rept.
DELAIZO, T. J. Franklin Institute/Franklin Research Center.
NRC-03-79-118. TER-C5257-5/6/176. 81/12/23. HUANG, Y. S. NRC - No Detailed Affiliation Given. 23pp. 27408:203. 24X
Fiche: 50-259, 84/10/24, 8411080523.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X
Fiche: 50-000, 84/10/26, 8410290050.

841150240 Forwards summary of 841016 meeting w/util re functions of nuclear safety review staff. Attendance list & "Summary Description of Activities of TVA Nuclear Safety Review Staff" encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/26. PARRIS, H. G.
Tennessee Valley Authority. 20pp. 27329:259. 24X
Fiche: 50-000, 84/10/26, 841150240.

8411210388 Forwards Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively, safety evaluation & notice of denial of amends in part. Amends revise conditions to reflect changes in physical security plan.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. PARRIS, H. G.
Tennessee Valley Authority. 3pp. 27626:042. 24X
Fiche: 50-259, 84/10/29, 8411210388.

--8411210396 Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively, revising conditions to reflect changes in physical security plans.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. 6pp.
27626:045. 24X Fiche: 50-259, 84/10/29, 8411210388.

--8411210403 Safety evaluation supporting Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/29. 12pp. 27626:051. 24X Fiche: 50-259, 84/10/29, 8411210388.

--8411210408 Notice of denial of amends, in part, to Licenses DPR-33, DPR-52 & DPR-68 & opportunity for hearing re access to containment during refueling or major maint.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. 3pp.
27626:063. 24X Fiche: 50-259, 84/10/29, 8411210388.

DOCKETED ITEMS

8411060223 Forwards ALARA program description re replacement of stainless steel piping subj to IGSCC in response to Generic Ltr 84-07, "Procedure Guidance for Pipe Replacement at BWRs."
MILLS, L.M. Tennessee Valley Authority. 84/11/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 8pp. 27324:047. 24X Fiche: 50-259, 84/11/02, 8411060223.

8411140245 Forwards description of drywell/torus vacuum breaker mods. per 830523 commitment to submit plant-unique calculations & schedule in response to Generic Ltr 83-08.
DOMER, J.A. Tennessee Valley Authority. 84/11/05. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 9pp. 27468:252. 24X Fiche: 50-259, 84/11/05, 8411140245.

8411280601 Advises that 840709 response to NUREG-0737, Item II, K. 3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/13. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27682:031. 24X Fiche: 50-259, 84/11/13, 8411280601.

G. Inspection reports, IE Bulletins & correspondence

8411010305 Confirms 840910 telcon re 840926 enforcement conference in Atlanta, GA concerning apparent violation of limiting condition of operations involving overpressurizing core spray sys. w/o encl.
O'REILLY, J.P. Region 2, Office of Director. 84/09/20. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27249:314. 24X Fiche: 50-259, 84/09/20, 8411010305.

841130532 Forwards Insp Repts 50-259/84-32, 50-260/84-22 & 50-296/84-32 on 840820-23. No violations or deviations noted.
VERRELLI, D.M. Division of Project & Resident Programs. 84/09/28. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27462:316. 24X Fiche: 50-259, 84/09/28, 841130532.

--841130539 Insp Repts 50-259/84-32, 50-260/84-32 & 50-296/84-32 on 840820-23. No violations or deviations noted. Major areas inspected: followup on previous enforcement items & plant tour.
BURRIS, S., THOMAS, M., JAFE, F. Region 2, Office of Director. 84/09/25. 5pp. 27462:318. 24X Fiche: 50-259, 84/09/28, 841130532.

8411140422 Forwards Enforcement Conference Repts 50-259/84-39, 50-260/84-39 & 50-296/84-39 on 840926. Security violation discussed in Insp Repts 50-259/84-30, 50-260/84-30 & 50-296/84-30.
O'REILLY, J.P. Region 2, Office of Director. 84/10/05. PARRIS, H.G. Tennessee Valley Authority. 3pp. 27494:356. 24X Fiche: 50-259, 84/10/05, 8411140422.

--8411140429 Enforcement Conference Repts 50-259/84-39, 50-260/84-39 & 50-296/84-39 on 840926. Major areas discussed: violations re overpressurization of Loop 1 of Unit 1 core spray sys.
BUTCHER, R.C., CANTRELL, F.S. Region 2, Office of Director. 84/10/01. 3pp. 27494:359. 24X Fiche: 50-259, 84/10/05, 8411140422.

841130563 Ack receipt of 841005 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33.
VERRELLI, D.M. Division of Project & Resident Programs. 84/10/18. PARRIS, H.G. Tennessee Valley Authority. 1p. 27461:274. 24X Fiche: 50-259, 84/10/18, 841130563.

--841130569 Responds to NRC 840910 ltr re violations noted in Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33. Corrective actions: all sys w/locked valves checked. Locked valve checks will be performed quarterly.
MILLS, L.M. Tennessee Valley Authority. 84/10/05. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27461:275. 24X Fiche: 50-259, 84/10/18, 841130563.

--841130574 Forwards Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33 on 840728-0825 & notice of violation.
VERRELLI, D.M. Region 2, Office of Director. 84/09/10. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27461:278. 24X Fiche: 50-259, 84/10/18, 841130563.

--841130586 Notice of violation from insp on 840728-0825.
* Region 2, Office of Director. 84/09/10. 1p. 27461:280. 24X Fiche: 50-259, 84/10/18, 841130563.

--841130593 Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33 on 840728-0825. Violation noted: failure to maintain locked valves in RHR HX.
PAULK, G.L., PATTERSON, C.A., CANTRELL, F.S. Region 2, Office of Director. 84/09/07. 4pp. 27461:281. 24X Fiche: 50-259, 84/10/18, 841130563.

841160003 Ack receipt of 841004 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27.
LEWIS, R.C. Region 2, Office of Director. 84/10/23. PARRIS, H.G. Tennessee Valley Authority. 1p. 27544:067. 24X Fiche: 50-259, 84/10/23, 841160003.

--841160013 Responds to NRC 840831 ltr re violations noted in Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27. Corrective actions: Mechanical Maint Instruction 122 revised to include strainer locations for sprinkler sys.
MILLS, L.M. Tennessee Valley Authority. 84/10/04. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27544:068. 24X Fiche: 50-259, 84/10/23, 841160003.

--841160017 Forwards Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27 on 840807-10 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/08/31. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27544:071. 24X Fiche: 50-259, 84/10/23, 841160003.

--841160019 Notice of violation from insp on 840807-10.
* Region 2, Office of Director. 84/08/31. 2pp. 27544:073. 24X Fiche: 50-259, 84/10/23, 841160003.

--841160022 Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27 on 840807-10. Violations noted: failure to include strainers for all fire protection sprinkler sys in Maint Procedure MMI 122 & failure to meet fire brigade requirements.
MILLER, W.H., CONLON, T.E. Region 2, Office of Director. 84/08/28. 7pp. 27544:075. 24X Fiche: 50-259, 84/10/23, 841160003.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:199. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

8411200009 Forwards Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified.
VERRELLI, D.M. Division of Project & Resident Programs. 84/11/16. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27578:051. 24X Fiche: 50-259, 84/11/16, 8411200009.

--8411200020 Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified. Major areas inspected: testing & maint, security sys & security plan. Details withheld (ref 10CFR2.790).
HALL, B.L., MCQUIRE, D.R. Region 2, Office of Director. 84/11/14. 1p. 27578:053. 24X Fiche: 50-259, 84/11/16, 8411200009.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

DOCKETED ITEMS

47

R. Periodic operating reports & related correspondence

8411060210 NPDES discharge monitoring rept for Sept 1984.
RIVERS, M. E. Tennessee Valley Authority. 84/09/30. 11pp.
27351:244. 24X Fiche:50-259,84/09/30,8411060210.

8411150296 Monthly operating repts for Sept 1984.W/841011 ltr.
THOM, T., PITTMAN, J. R., JONES, G. T. Tennessee Valley Authority.
84/09/30. 29pp. 27529:036. 24X Fiche:50-259,84/09/30,8411150296.

8411120072 Forwards revised NPDES discharge monitoring repts for Aug
1984.Revs required due to typo & transpositional errors.
RIVERS, M. E. Tennessee Valley Authority. 84/10/29. HORN, C.
Alabama, State of. 1p. 27437:175. 24X Fiche:50-259,84/10/29,
8411120072.

--8411120077 Revised "NPDES Discharge Monitoring Rept for Aug 1984."
* Tennessee Valley Authority. 84/10/29. 2pp. 27437:176. 24X
Fiche:50-259,84/10/29,8411120077.

S. Reportable occurrences, LERs & related correspondence

8411010453 Forwards Technical Review Rept AEOD/T420, "Failure of
Isolation Valve of RCIC Sys to Open Against Operating
Reactor Pressure."
LAM, P. Reactor Operations Analysis Branch. 84/08/23. SEVFRIT, K. V.
Reactor Operations Analysis Branch. 2pp. 27265:093. 24X
Fiche:50-259,84/08/23,8411010453.

--8411010554 "Failure of Isolation Valve of RCIC Sys to Open Against
Operating Reactor Pressure."
* Director's Office. 84/08/23. 7pp. 27265:094. 24X
Fiche:50-259,84/08/23,8411010554.

8411060613 LER 84-036-00: on 840929, RCIC controller declared inoperable.
Caused by RCIC sys failing to properly respond to manual
control signals. RCIC ramp generator & signal converter
replaced.W/841023 ltr.
SMITH, D., JONES, G. T. Tennessee Valley Authority. 84/10/23. 3pp.
27350:204. 24X Fiche:50-259,84/10/23,8411060613.

8411150313 Confirms action to be taken by util prior to restart of
Unit 3.Util will conduct review of operations which resulted
in apparent failure to follow procedures during startup on
841022 & identify cause.
O'REILLY, J. P. Region 2, Office of Director. 84/10/25. PARRIS, H. G.
Tennessee Valley Authority. 2pp. 27529:077. 24X
Fiche:50-259,84/10/25,8411150313.

8411020048 Corrected notice of noncompliance for Aug 1984 re sewage
treatment plant effluent.Description of discharge reported
in 840928 notice incorrect.Chlorine contact tank pumped out
periodically to reduce overloaded conditions.
RIVERS, M. E. Tennessee Valley Authority. 84/10/29. HORN, C.
Alabama, State of. 2pp. 27257:259. 24X Fiche:50-259,84/10/29,
8411020048.

8411190524 Part 21 rept re failure of fire dampers to close under
normal duct pressure.Caused by failure of test methods
utilized for closure under air flow to accurately depict
actual field conditions.List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office,
Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche:50-000,84/11/06,8411190524.

X. Onsite Storage of Low Level Waste

8411280376 Notification of contract execution,Mod 5, to "Environ
Assessment for Low Level Waste Storage at TVA Browns Ferry
Nuclear Plant in Limestone County,GA." Contractor:Science
Applications, Inc.
SILVIS, R. M. Division of Contracts. FIN B-7319-1. 84/11/15.
DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director.
LOVSEN, P. NRC - No Detailed Affiliation Given. 3pp. 27675:323.
24X Fiche:50-259,84/11/15,8411280376.

--8411280386 Mod 5, incorporating 1982 overhead rates, to "Environ
Assessment for Low Level Waste Storage at TVA Browns Ferry
Nuclear Plant in Limestone County,GA."
MARSHALL, W. R. Science Applications, Inc. THOMPSON, R. D. Division
of Contracts. FIN B-7319-1. 84/11/15. 3pp. 27675:324. 24X
Fiche:50-259,84/11/15,8411280376.

DOCKET 50-260 BROWNS FERRY NUCLEAR POWER STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411010306 Discusses completed review of Revs 5-14 to radiological
emergency plan.Changes to emergency plan implementing
procedures should be made per requirements of 10CFR50, App E,
Section V.
VERRELLI, D. M. Region 2, Office of Director. 84/09/27. PARRIS, H. G.
Tennessee Valley Authority. 2pp. 27249:319. 24X
Fiche:50-259,84/09/27,8411010306.

8411140422 Forwards Enforcement Conference Repts 50-259/84-39,
50-260/84-39 & 50-296/84-39 on 840926.Security violation
discussed in Insp Repts 50-259/84-30, 50-260/84-30 &
50-296/84-30.
O'REILLY, J. P. Region 2, Office of Director. 84/10/05. PARRIS, H. G.
Tennessee Valley Authority. 3pp. 27494:356. 24X
Fiche:50-259,84/10/05,8411140422.

8411140530 Discusses submittal of annual emergency exercise objectives
& detailed scenarios.Full detailed exercise scenario w/all
controller info requested,per 45-day schedule.No change
needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. PARRIS, H. G.
Tennessee Valley Authority. 2pp. 27495:212. 24X
Fiche:50-000,84/10/11,8411140530.

8411080439 Forwards request for addl info re util 840730 ltr providing
ODC for safety parameter display sys.Info required within
30 days to meet requirements of NUREG-0737,Suppl 1.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/22. PARRIS, H. G.
Tennessee Valley Authority. 5pp. 27405:148. 24X
Fiche:50-259,84/10/22,8411080439.

8411160003 Ack receipt of 841004 ltr informing NRC of steps taken to
correct violations noted in Insp Repts 50-259/84-27,
50-260/84-27 & 50-296/84-27.
LEWIS, R. C. Region 2, Office of Director. 84/10/23. PARRIS, H. G.
Tennessee Valley Authority. 1p. 27544:067. 24X
Fiche:50-259,84/10/23,8411160003.

--8411160013 Responds to NRC 840831 ltr re violations noted in Insp
Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27.Corrective
actions:Mechanical Maint Instruction 122 revised to include
strainer locations for sprinkler sys.
MILLS, L. M. Tennessee Valley Authority. 84/10/04. O'REILLY, J. P.
Region 2, Office of Director. 3pp. 27544:068. 24X
Fiche:50-259,84/10/23,8411160003.

--8411160019 Notice of violation from insp on 840807-10.
* Region 2, Office of Director. 84/08/31. 2pp. 27544:073. 24X
Fiche:50-259,84/10/23,8411160003.

--8411160022 Insp Repts 50-259/84-27,50-260/84-27 & 50-296/84-27 on
840807-10.Violations noted:failure to include strainers
for all fire protection sprinkler sys in Maint Procedure
MMI 122 & failure to meet fire brigade requirements.
MILLER, W. H. Region 2, Office of Director. 84/08/28. 7pp.
27544:075. 24X Fiche:50-259,84/10/23,8411160003.

8411080307 "Browns Ferry Nuclear Plant Radiological Emergency
Preparedness Exercise."
* Tennessee Valley Authority. * Alabama, State of. 84/10/24.
180pp. 27391:075. 24X Fiche:50-259,84/10/24,8411080307.

8411210388 Forwards Amends 115,109 & 83 to Licenses DPR-33,DPR-52 &
DPR-68,respectively,safety evaluation & notice of denial of
amends in part.Amends revise conditions to reflect changes
in physical security plan.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. PARRIS, H. G.
Tennessee Valley Authority. 3pp. 27626:042. 24X
Fiche:50-259,84/10/29,8411210388.

--8411210396 Amends 115,109 & 83 to Licenses DPR-33,DPR-52 & DPR-68,
respectively, revising conditions to reflect changes in
physical security plans.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. 6pp.
27626:045. 24X Fiche:50-259,84/10/29,8411210388.

--8411210408 Notice of denial of amends,in part, to Licenses DPR-33,
DPR-52 & DPR-68 & opportunity for hearing re access to
containment during refueling or major maint.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. 3pp.
27626:063. 24X Fiche:50-259,84/10/29,8411210388.

DOCKETED ITEMS

- 8411050288 Revised Central Emergency Control Ctr Implementing Procedures IP-1 re transportation accident involving shipment of radwaste & IP-6 re alert, site area, emergency & general emergency. W/841030 ltr. MILLS, L. M. Tennessee Valley Authority. 84/10/30. O'REILLY, J. P. Region 2, Office of Director. 16pp. 27301:323. 24X Fiche: 50-000, 84/10/30, 8411050288.
- 8411050352 Revised emergency plan implementing procedures, including IP-26 re tornado emergency procedure, IP-2 re notification of unusual event & IP-3 re alert. W/841030 ltr. MILLS, L. M. Tennessee Valley Authority. 84/10/30. O'REILLY, J. P. Region 2, Office of Director. 88pp. 27298:271. 24X Fiche: 50-259, 84/10/30, 8411050352.
- 8411200275 Forwards Page B-4 of Vol 1 of 841031 ltr on App R to 10CFR50 re fire protection. Page inadvertently omitted from submittal. DOMER, J. A. Tennessee Valley Authority. 84/11/15. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27571:317. 24X Fiche: 50-259, 84/11/15, 8411200275.
- 8411200009 Forwards Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified. VERRELLI, D. M. Division of Project & Resident Programs. 84/11/16. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27578:051. 24X Fiche: 50-259, 84/11/16, 8411200009.
- 8411200020 Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified. Major areas inspected: testing & maint, security sys & security plan. Details withheld (ref 10CFR2.790). HALL, S. L. Region 2, Office of Director. 84/11/14. 1p. 27578:053. 24X Fiche: 50-259, 84/11/16, 8411200009.
- 8411200304 Advises that 840921 Rev 9 to generic security personnel training & qualification plan inconsistent w/provisions of 10CFR50.54(p) & unacceptable. Addl info delineated in encl requested. Encl withheld (ref 10CFR73.21). OLSHINSKI, J. A. Region 2, Office of Director. 84/11/16. PARRIS, H. G. Tennessee Valley Authority. 3pp. 27576:241. 24X Fiche: 50-000, 84/11/16, 8411200304.
- P. Operating license stage documents & correspondence
- 8411010054 Forwards summary of 840926 meeting w/util in Atlanta, GA re util GA reorganization. Attendee list encl. LEWIS, R. C. Region 2, Office of Director. 84/10/09. PARRIS, H. G. Tennessee Valley Authority. 4pp. 27250:198. 24X Fiche: 50-000, 84/10/09, 8411010054.
- 8411010125 Forwards corrected Amends 103.97 & 71 to Licenses DPR-33, DPR-52 & DPR-68, respectively. Amends contained editorial errors. Replacement of erroneous pages w/corrected pages requested. CLARK, R. J. Operating Reactors Branch 2. 84/10/10. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27261:001. 24X Fiche: 50-259, 84/10/10, 8411010125.
- 8411010135 Corrected Amends 103.97 & 71 to Licenses DPR-33, DPR-52 & DPR-68 respectively, correcting editorial errors in original issuances. * NRC - No Detailed Affiliation Given. 84/10/10. 5pp. 27261:003. 24X Fiche: 50-259, 84/10/10, 8411010125.
- 8411010075 Forwards 90-day rept re secondary containment leak rate testing, per Tech Spec Section 6.7.3.C.1.a. MILLS, L. M. Tennessee Valley Authority. 84/10/11. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27250:090. 24X Fiche: 50-260, 84/10/11, 8411010075.
- 8411010291 Forwards corrected Amends 98.92 & 65 to Licenses DPR-33, DPR-52 & DPR-68, respectively. CLARK, R. J. Operating Reactors Branch 2. 84/10/11. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27264:154. 24X Fiche: 50-259, 84/10/11, 8411010291.
- 8411010300 Corrected Amends 98.92 & 65 to Licenses DPR-33, DPR-52 & DPR-68, respectively, correcting editorial errors. * NRC - No Detailed Affiliation Given. 84/10/11. 15pp. 27264:156. 24X Fiche: 50-259, 84/10/11, 8411010291.
- 8411150279 Advises that QA program submitted on 830711 satisfies requirements of 10CFR50, App B & acceptable. LEWIS, R. C. Region 2, Office of Director. 84/10/12. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27528:298. 24X Fiche: 50-000, 84/10/12, 8411150279.
- 8411060286 Forwards Amends 114.108 & 82 to Licenses DPR-33, DPR-52 & DPR-68, respectively & safety evaluation. Amends revise reactor water cleanup sys isolation instrumentation & RHR svc water pump operability requirements. CLARK, R. J. Operating Reactors Branch 2. 84/10/16. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27329:251. 24X Fiche: 50-259, 84/10/16, 8411060286.
- 8411060304 Amends 114.108 & 82 to Licenses DPR-33, DPR-52 & DPR-68, respectively, revising reactor water cleanup sys isolation instrumentation & RHR svc water pump operability requirements & drywell-to-torus leak rate testing bases. VASSALLO, D. B. Operating Reactors Branch 2. 84/10/16. 62pp. 27329:253. 24X Fiche: 50-259, 84/10/16, 8411060286.
- 8411060313 Safety evaluation supporting Amends 114.108 & 82 to Licenses DPR-33, DPR-52 & DPR-68, respectively. * Office of Nuclear Reactor Regulation, Director. 84/10/16. 6pp. 27329:315. 24X Fiche: 50-259, 84/10/16, 8411060286.
- 8411020409 Forwards request for exemption from functional test requirements of Tech Spec 4.6.H for torus restraint snubbers. Description, justification & safety evaluation for request encl. Approval requested by 850119. MILLS, L. M. Tennessee Valley Authority. 84/10/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 5pp. 27272:187. 24X Fiche: 50-259, 84/10/19, 8411020409.
- 8411020310 Application for amend to Licenses DPR-33, DPR-52 & DPR-68, revising Tech Specs re auxiliary electrical sys to reflect changes in 161 kV offsite power sys capability. Fee paid. MILLS, L. M. Tennessee Valley Authority. 84/10/22. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27252:214. 24X Fiche: 50-259, 84/10/22, 8411020310.
- 8411020320 Proposed Tech Specs re auxiliary electrical sys reflecting changes in 161 kV offsite power sys capability. * Tennessee Valley Authority. 84/10/22. 58pp. 27252:216. 24X Fiche: 50-259, 84/10/22, 8411020310.
- 841160162 Forwards Rev B to "QA Program Description for Design, Const & Operation of TVA Nuclear Power Plants," reflecting organizational changes in program. MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27537:331. 24X Fiche: 50-000, 84/10/22, 841160162.
- 841160177 Rev B to "QA Program Description for Design, Const & Operation of TVA Nuclear Power Plants." * Tennessee Valley Authority. TVA-TR75-1A ROB. 84/10/22. 237pp. 27537:333. 24X Fiche: 50-000, 84/10/22, 841160162.
- 8411080523 Forwards SER re 840920 request for exemptions from 10CFR50, App J requirements. Exemption requests acceptable w/exception of item re reactor bldg closed cooling water Valves 70-47 & 70-506. EISENHUT, D. G. Division of Licensing. 84/10/24. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27408:198. 24X Fiche: 50-259, 84/10/24, 8411080523.
- 8411080526 Safety evaluation re 840920 request for exemptions from 10CFR50 App J requirements. Exemption requests acceptable w/exception of item re reactor bldg closed cooling water Valves 70-47 & 70-506. * Office of Nuclear Reactor Regulation, Director. 84/10/24. 3pp. 27408:200. 24X Fiche: 50-259, 84/10/24, 8411080523.
- 8112280441 "Containment Leakage Rate Testing," technical evaluation rept. DELGAILO, T. J. Franklin Institute/Franklin Research Center. NRC-03-79-118. TER-C3257-5/6/176. 81/12/23. HUANG, Y. S. NRC - No Detailed Affiliation Given. 23pp. 27408:203. 24X Fiche: 50-259, 84/10/24, 8411080523.
- 8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl. EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:053. 24X Fiche: 50-000, 84/10/26, 8410290050.
- 8411150240 Forwards summary of 841016 meeting w/util re functions of nuclear safety review staff. Attendance list & "Summary Description of Activities of TVA Nuclear Safety Review Staff" encl. LEWIS, R. C. Region 2, Office of Director. 84/10/26. PARRIS, H. G. Tennessee Valley Authority. 20pp. 27529:259. 24X Fiche: 50-000, 84/10/26, 8411150240.

DOCKETED ITEMS

49

8411210388 Forwards Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively, safety evaluation & notice of denial of amends in part. Amends revise conditions to reflect changes in physical security plan.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/29. PARRIS, H.G. Tennessee Valley Authority. 3pp. 27626:042. 24X
Fiche: 50-259, 84/10/29, 8411210388.

--8411210396 Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively, revising conditions to reflect changes in physical security plans.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/29. 6pp. 27626:045. 24X Fiche: 50-259, 84/10/29, 8411210388.

--8411210403 Safety evaluation supporting Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/29. 12pp. 27626:051. 24X Fiche: 50-259, 84/10/29, 8411210388.

--8411210408 Notice of denial of amends, in part, to Licenses DPR-33, DPR-52 & DPR-68 & opportunity for hearing re access to containment during refueling or major maint.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/29. 3pp. 27626:063. 24X Fiche: 50-259, 84/10/29, 8411210388.

8411200016 Forwards request for addl info re reactor protection sys power monitoring sys design mod. Response requested within 30 days to resolve questions before mod completed.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/31. PARRIS, H.G. Tennessee Valley Authority. 3pp. 27588:354. 24X
Fiche: 50-260, 84/10/31, 8411200016.

8411140245 Forwards description of drywell/torus vacuum breaker mods, per 830523 commitment to submit plant-unique calculations & schedule in response to Generic Ltr 83-08.
DOMER, J.A. Tennessee Valley Authority. 84/11/05. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 9pp. 27468:252. 24X Fiche: 50-259, 84/11/05, 8411140245.

8411190526 Requests that EP Rahe 840605 & 0720 ltrs submitting WCAP-10507 & stability addendum, respectively, be included by ref on Unit 2 docket. Plan is to load four fuel assemblies of Westinghouse BWR design as part of reload.
DOMER, J.A. Tennessee Valley Authority. 84/11/13. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27553:321. 24X Fiche: 50-260, 84/11/13, 8411190526.

8411280601 Advises that 840709 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/13. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27682:031. 24X
Fiche: 50-259, 84/11/13, 8411280601.

G. Inspection reports, IE Bulletins & correspondence

8411010305 Confirms 840910 telcon re 840926 enforcement conference in Atlanta, GA concerning apparent violation of limiting condition of operations involving overpressurizing core spray sys. W/o encl.
O'REILLY, J.P. Region 2, Office of Director. 84/09/20. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27249:314. 24X
Fiche: 50-259, 84/09/20, 8411010305.

8411130532 Forwards Insp Repts 50-259/84-32, 50-260/84-22 & 50-296/84-32 on 840820-23. No violations or deviations noted.
VERRELLI, D.M. Division of Project & Resident Programs. 84/09/28. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27462:316. 24X
Fiche: 50-259, 84/09/28, 8411130532.

--8411130539 Insp Repts 50-259/84-32, 50-260/84-32 & 50-296/84-32 on 840820-23. No violations or deviations noted. Major areas inspected: followup on previous enforcement items & plant tour.
BARRIS, S., THOMAS, M., JAFE, F. Region 2, Office of Director. 84/09/25. 5pp. 27462:318. 24X Fiche: 50-259, 84/09/28, 8411130532.

8411140422 Forwards Enforcement Conference Repts 50-259/84-39, 50-260/84-39 & 50-296/84-39 on 840926. Security violation discussed in Insp Repts 50-259/84-30, 50-260/84-30 & 50-296/84-30.
O'REILLY, J.P. Region 2, Office of Director. 84/10/05. PARRIS, H.G. Tennessee Valley Authority. 3pp. 27494:356. 24X
Fiche: 50-259, 84/10/05, 8411140422.

--8411140429 Enforcement Conference Repts 50-259/84-39, 50-260/84-39 & 50-296/84-39 on 840926. Major areas discussed: violations re overpressurization of Loop 1 of Unit 1 core spray sys.
BUTCHER, R.C., CANTRELL, F.S. Region 2, Office of Director. 84/10/01. 3pp. 27494:359. 24X Fiche: 50-259, 84/10/05, 8411140422.

8411130563 Ack receipt of 841005 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33.
VERRELLI, D.M. Division of Project & Resident Programs. 84/10/18. PARRIS, H.G. Tennessee Valley Authority. 1p. 27461:274. 24X
Fiche: 50-259, 84/10/18, 8411130563.

--8411130569 Responds to NRC 840910 ltr re violations noted in Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33. Corrective actions: all sys w/locked valves checked. Locked valve checks will be performed quarterly.
MILLS, L.M. Tennessee Valley Authority. 84/10/05. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27461:275. 24X
Fiche: 50-259, 84/10/18, 8411130563.

--8411130574 Forwards Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33 on 840728-0825 & notice of violation.
VERRELLI, D.M. Region 2, Office of Director. 84/09/10. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27461:278. 24X
Fiche: 50-259, 84/10/18, 8411130563.

--8411130586 Notice of violation from insp on 840728-0825.
* Region 2, Office of Director. 84/09/10. 1p. 27461:280. 24X
Fiche: 50-259, 84/10/18, 8411130563.

--8411130593 Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33 on 840728-0825. Violation noted: failure to maintain locked valves in RHR HX.
PAULK, G.L., PATTERSON, C.A., CANTRELL, F.S. Region 2, Office of Director. 84/09/07. 6pp. 27461:281. 24X Fiche: 50-259, 84/10/18, 8411130563.

8411160003 Ack receipt of 841004 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27.
LEWIS, R.C. Region 2, Office of Director. 84/10/23. PARRIS, H.G. Tennessee Valley Authority. 1p. 27544:067. 24X
Fiche: 50-259, 84/10/23, 8411160003.

--8411160013 Responds to NRC 840831 ltr re violations noted in Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27. Corrective actions: Mechanical Maint Instruction 122 revised to include strainer locations for sprinkler sys.
MILLS, L.M. Tennessee Valley Authority. 84/10/04. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27544:068. 24X
Fiche: 50-259, 84/10/23, 8411160003.

--8411160017 Forwards Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27 on 840807-10 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/08/31. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27544:071. 24X
Fiche: 50-259, 84/10/23, 8411160003.

--8411160019 Notice of violation from insp on 840807-10.
* Region 2, Office of Director. 84/08/31. 2pp. 27544:073. 24X
Fiche: 50-259, 84/10/23, 8411160003.

--8411160022 Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27 on 840807-10. Violations noted: failure to include strainers for all fire protection sprinkler sys in Maint Procedure MMI 122 & failure to meet fire brigade requirements.
MILLER, W.H., CONLON, T.E. Region 2, Office of Director. 84/08/28. 7pp. 27544:075. 24X Fiche: 50-259, 84/10/23, 8411160003.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKETED ITEMS

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841200009 Forwards Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified.
VERRELLI, D.M. Division of Project & Resident Programs. 84/11/16.
PARRIS, H.G. Tennessee Valley Authority. 2pp. 27578:031. 24X Fiche: 50-259, 84/11/16, 841200009.

--841200020 Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified. Major areas inspected: testing & maint. security sys & security plan. Details withheld (ref 10CFR2.790).
HALL, B.L., MCGUIRE, D.R. Region 2, Office of Director. 84/11/14. 1p. 27578:053. 24X Fiche: 50-259, 84/11/16, 841200009.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

8411060210 NPDES discharge monitoring rept for Sept 1984.
RIVERS, M.E. Tennessee Valley Authority. 84/09/30. 11pp. 27351:244. 24X Fiche: 50-259, 84/09/30, 8411060210.

841150296 Monthly operating repts for Sept 1984. W/841011 ltr.
THOM, T., PITTMAN, J.R., JONES, G.T. Tennessee Valley Authority. 84/09/30. 29pp. 27529:036. 24X Fiche: 50-259, 84/09/30, 841150296.

841120072 Forwards revised NPDES discharge monitoring repts for Aug 1984. Revs required due to typo & transpositional errors.
RIVERS, M.E. Tennessee Valley Authority. 84/10/29. HORN, C. Alabama, State of. 1p. 27437:175. 24X Fiche: 50-259, 84/10/29, 841120072.

--841120077 Revised "NPDES Discharge Monitoring Rept for Aug 1984." * Tennessee Valley Authority. 84/10/29. 2pp. 27437:176. 24X Fiche: 50-259, 84/10/29, 841120072.

S. Reportable occurrences, LERs & related correspondence

8411010202 LER 84-007-00: on 840922, MSIVs B & C had excessive leakage above Tech Spec limits. Cause not stated. Valve poppet will be machined & valve seat lapped to ensure proper seating. Also reportable per Part 21. W/841019 ltr.
WALKER, J.B., JONES, G.T. Tennessee Valley Authority. 84/10/19. 3pp. 27249:292. 24X Fiche: 50-260, 84/10/19, 8411010202.

841150313 Confirms action to be taken by util prior to restart of Unit 3. Util will conduct review of operations which resulted in apparent failure to follow procedures during startup on 841022 & identify cause.
O'REILLY, J.P. Region 2, Office of Director. 84/10/25. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27529:077. 24X Fiche: 50-259, 84/10/25, 841150313.

8411020048 Corrected notice of noncompliance for Aug 1984 re sewage treatment plant effluent. Description of discharge reported in 840928 notice incorrect. Chlorine contact tank pumped out periodically to reduce overloaded conditions.
RIVERS, M.E. Tennessee Valley Authority. 84/10/29. HORN, C. Alabama, State of. 2pp. 27257:259. 24X Fiche: 50-259, 84/10/29, 8411020048.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

841120286 PND-II-84-084: during insps per Generic Ltr 84-11, IOBCC detected on inboard side of outboard isolation valve on reactor water cleanup sys.
BUTCHER, R.C., GIRARD, E.H. Region 2, Office of Director. 84/11/07. 1p. 27429:362. 24X Fiche: 50-260, 84/11/07, 841120286.

X. Onsite Storage of Low Level Waste

8411280376 Notification of contract execution. Mod 5, to "Environment Assessment for Low Level Waste Storage at TVA Browns Ferry Nuclear Plant in Limestone County, GA." Contractor: Science Applications, Inc.
SILVUS, R.M. Division of Contracts. FIN B-7319-1. 84/11/15.
DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. LOYSEN, P. NRC - No Detailed Affiliation Given. 3pp. 27675:323. 24X Fiche: 50-259, 84/11/15, 8411280376.

--8411280386 Mod 5, incorporating 1982 overhead rates, to "Environment Assessment for Low Level Waste Storage at TVA Browns Ferry Nuclear Plant in Limestone County, GA." Contractor: Science Applications, Inc. THOMPSON, R.D. Division of Contracts. FIN B-7319-1. 84/11/15. 3pp. 27675:324. 24X Fiche: 50-259, 84/11/15, 8411280376.

DOCKET 50-261 H. B. ROBINSON PLANT, UNIT 2

F. Security, medical, emergency & fire protection plans

841160027 Forwards Insp Rept 50-261/84-28 on 840730-0803. No violation or deviation noted.
VERRELLI, D.M. Region 2, Office of Director. 84/09/12. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27544:168. 24X Fiche: 50-261, 84/09/12, 841160027.

--841160031 Insp Rept 50-261/84-28 on 840730-0803. No violation or deviation noted. Major areas inspected: emergency preparedness.
KREH, J.L., CLINE, W.E. Region 2, Office of Director. 84/09/07. 7pp. 27544:170. 24X Fiche: 50-261, 84/09/12, 841160027.

841150104 Requests that 20-day submittal of annual emergency exercise scenario be eliminated. Detailed exercise scenario w/all controller info should be submitted in accordance w/45-day schedule. No change needed to 75-day schedule.
LEMIS, R.C. Region 2, Office of Director. 84/10/11. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27529:360. 24X Fiche: 50-000, 84/10/11, 841150104.

841140517 Ack receipt of 840815 & 1002 ltrs informing NRC of steps taken to correct violation noted in Insp Rept 50-261/84-23.
LEWIS, R.C. Region 2, Office of Director. 84/10/17. UTLEY, E.E. Carolina Power & Light Co. 1p. 27495:166. 24X Fiche: 50-261, 84/10/17, 841140517.

--841140539 Insp Rept 50-261/84-23 on 840611-0710. Violation noted: failure to implement deficiency identification procedures & failure to implement requirements of radiation work permit.
WEISE, S., BEMIS, P., HARDIN, A.K. Region 2, Office of Director. 84/07/13. 8pp. 27495:177. 24X Fiche: 50-261, 84/10/17, 841140517.

8411070097 Forwards exemption from Section III, G. 2 of App R re area-wide automatic fire suppression for component cooling water pump room. Exemption conditioned on proposed fire improvements. W/o encl.
VARGA, S.A. Operating Reactors Branch 1. 84/10/25. UTLEY, E.E. Carolina Power & Light Co. 1p. 27387:352. 24X Fiche: 50-261, 84/10/25, 8411070097.

8411060142 Rev 3 to Emergency Plan & Procedures PEP-253, "Collection of Radioactive Samples." W/841031 ltr.
MORGAN, R.E. Carolina Power & Light Co. 84/10/31. O'REILLY, J.P. Region 2, Office of Director. 15pp. 27322:271. 24X Fiche: 50-261, 84/10/31, 8411060142.

8411200584 Notification of 841116 meeting w/util in Bethesda, MD to discuss App R SER & monthly open item status.
REGUA, G. Operating Reactors Branch 1. 84/11/13. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27598:063. 24X Fiche: 50-261, 84/11/13, 8411200584.

8411260359 Revised emergency plan implementing procedures, including PEP 204, "Notification of Off-Duty Personnel," PEP 2004, "HB Robinson Unit 2 Personnel" & PEP 2005, "Federal, State & County Agencies." W/841119 ltr.
MORGAN, R.E. Carolina Power & Light Co. 84/11/19. O'REILLY, J.P. Region 2, Office of Director. 74pp. 27609:183. 24X Fiche: 50-261, 84/11/19, 8411260359.

P. Operating license stage documents & correspondence

8411080595 Forwards Amend 86 to License DPR-23 & safety evaluation. Amend revises Tech Specs to correct inconsistencies re auxiliary feedwater pump automatic initiation.
REGUA, G. Operating Reactors Branch 1. 84/10/12. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27406:318. 24X Fiche: 50-261, 84/10/12, 8411080595.

DOCKETED ITEMS

51

- B411080598 Amend B6 to License DPR-23, revising Tech Specs to correct inconsistencies re auxiliary feedwater pump automatic initiation.
VARGA, S.A. Operating Reactors Branch 1. 84/10/12. 4pp. 27406:321. 24X Fiche: 50-261, 84/10/12, B411080595.
- B411080604 SER supporting Amend B6 to License DPR-23.
* Office of Nuclear Reactor Regulation, Director. 84/10/12. 2pp. 27406:325. 24X Fiche: 50-261, 84/10/12, B411080595.
- B411130620 Forwards safety evaluation of XN-NF-83-711(P), "Extension of XNB Correlation to PWR Fuel Assembly Designs W/Spacer Pitch Greater Than 22 Inches." Rept acceptable for referencing to extent specified.
VARGA, S.A. Operating Reactors Branch 1. 84/10/24. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27471:316. 24X Fiche: 50-261, 84/10/24, B411130620.
- B411130633 Safety evaluation of XN-NF-83-711(P), Extension of XNB Correlation to PWR Fuel Assembly Designs W/Spacer Pitch Greater Than 22 Inches." Rept acceptable for referencing to extent specified.
* Office of Nuclear Reactor Regulation, Director. 84/10/24. 6pp. 27471:318. 24X Fiche: 50-261, 84/10/24, B411130620.
- B411140018 Forwards safety evaluation of XN-NF-83-711(P), "Mechanical Design Rept Suppl for HB Robinson Part Length Shielding Assemblies." Rept acceptable for referencing in license applications to extent noted in evaluation.
VARGA, S.A. Operating Reactors Branch 1. 84/10/24. UTLEY, E.E. Carolina Power & Light Co. 3pp. 27509:336. 24X Fiche: 50-261, 84/10/24, B411140018.
- B411140020 Safety evaluation supporting XN-NF-83-711(P), "Mechanical Design Rept Suppl for HB Robinson Part Length Shielding Assemblies." Rept acceptable for referencing in license applications.
* Office of Nuclear Reactor Regulation, Director. 84/10/24. 2pp. 27509:339. 24X Fiche: 50-261, 84/10/24, B411140018.
- B411090034 Requests selected training info & operating procedures re operator actions during seismic events. Info will be used by human factors analysts in RES & INEL. Info requested within 1 month.
VARGA, S.A. Operating Reactors Branch 1. 84/10/26. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27423:298. 24X Fiche: 50-000, 84/10/26, B411090034.
- B411090095 Requests publication of FR notice of consideration of issuance of amend to License DPR-23 & proposed NSHC determination & opportunity for hearing re integrated leak rate test.
VARGA, S.A. Operating Reactors Branch 1. 84/10/29. MILLER, J.R. Operating Reactors Branch 3. 4pp. 27424:253. 24X Fiche: 50-261, 84/10/29, B411090095.
- B411140279 Documents commitments re Cycle 10 reload. Code validation of SLOTRAX will be provided by B41130; sensitivity studies not included in generic document XN-NF-84-73(P) by B41231 & fuel misloading analysis in near future.
ZIMMERMAN, S.R. Carolina Power & Light Co. 84/11/07. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27469:325. 24X Fiche: 50-261, 84/11/07, B411140279.
- B411290076 Forwards Amend B7 to License DPR-23 & safety evaluation. Amend revises Tech Spec authorizing Cycle 10 operation at full power 2,300 MWT w/new steam generators & incorporates changes resulting from Cycle 10 core reload analysis.
REGUA, G. Operating Reactors Branch 1. 84/11/07. UTLEY, E.E. Carolina Power & Light Co. 3pp. 27492:006. 24X Fiche: 50-261, 84/11/07, B411290076.
- B411290082 Amend B7 to License DPR-23, revising Tech Spec to authorize Cycle 10 operation at full power 2,300 MWT w/new steam generators & incorporate changes resulting from Cycle 10 core reload analysis.
VARGA, S.A. Operating Reactors Branch 1. 84/11/07. 53pp. 27492:009. 24X Fiche: 50-261, 84/11/07, B411290076.
- B411290087 Safety evaluation supporting Amend B7 to License DPR-23. SERs for Cycle 10 reload application Chapter 15 events & Cycle 10 reload analysis - LOCA analyses encl.
* Office of Nuclear Reactor Regulation, Director. 84/11/07. 31pp. 27492:062. 24X Fiche: 50-261, 84/11/07, B411290076.
- B411290089 SER for Cycle 10 reload application Chapter 15 events.
* NRC - No Detailed Affiliation Given. 84/11/07. 65pp. 27492:093. 24X Fiche: 50-261, 84/11/07, B411290076.
- B411290095 SER for Cycle 10 reload analysis - LOCA analyses.
* NRC - No Detailed Affiliation Given. 84/11/07. 15pp. 27492:158. 24X Fiche: 50-261, 84/11/07, B411290076.
- B411150008 Application for amend to License DPR-23, supplementing B40321 request for Tech Spec changes re reporting requirements of 10CFR50, Sections 50.72 & 50.73.
CUTTER, A.B. Carolina Power & Light Co. 84/11/08. VARGA, S.A. Operating Reactors Branch 1. 4pp. 27504:194. 24X Fiche: 50-261, 84/11/08, B411150008.
- B411150010 Proposed Tech Spec changes re reporting requirements of 10CFR50, Sections 50.72 & 50.73.
* Carolina Power & Light Co. 84/11/08. 49pp. 27504:198. 24X Fiche: 50-261, 84/11/08, B411150008.
- B411280349 Forwards EIA approving B40309 proposed disposal procedures for transferring slightly contaminated sediment from two settling ponds within restricted area to fossil plant ash pond.
VARGA, S.A. Operating Reactors Branch 1. 84/11/08. UTLEY, E.E. Carolina Power & Light Co. 3pp. 27675:301. 24X Fiche: 50-261, 84/11/08, B411280349.
- B411280351 EIA supporting B40309 proposed disposal procedures for transferring slightly contaminated sediment from two settling ponds within restricted area to fossil plant ash pond subj to listed provisions.
SWIFT, J. Operating Reactors Branch 1. 84/10/16. 8pp. 27675:304. 24X Fiche: 50-261, 84/11/08, B411280349.
- B411200584 Notification of B41116 meeting w/util in Bethesda, MD to discuss App R SER & monthly open item status.
REGUA, G. Operating Reactors Branch 1. 84/11/13. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27598:063. 24X Fiche: 50-261, 84/11/13, B411200584.
- B411280596 Forwards corrected Amend B5 to License DPR-23, consisting of revised Tech Specs. Rev due to inadvertent deletion of items approved by Amends B3 & B4.
REGUA, G. Operating Reactors Branch 1. 84/11/14. UTLEY, E.E. Carolina Power & Light Co. 4pp. 27682:037. 24X Fiche: 50-261, 84/11/14, B411280596.
- B411280597 Corrected Amend B5 to License DPR-23, revising Tech Specs re organizational changes & surveillance requirements of ASME Section XI.
* NRC - No Detailed Affiliation Given. 84/11/14. 7pp. 27682:041. 24X Fiche: 50-261, 84/11/14, B411280596.
- B411260325 Forwards response to NRC B40705 request for addl info re NUREG-0737, Item II D.1 concerning performance testing of relief & safety valves.
ZIMMERMAN, S.R. Carolina Power & Light Co. 84/11/20. VARGA, S.A. Operating Reactors Branch 1. 23pp. 27613:294. 24X Fiche: 50-261, 84/11/20, B411260325.
- B411260330 Rev 2 to "EPRI PWR Safety & Relief Valve Test Program: Guide for Application of Valve Test Program. Results to Plant-Specific Evaluations." interim rept.
* MPR Associates, Inc. 82/07/31. 116pp. 27613:317. 24X Fiche: 50-261, 84/11/20, B411260325.
- G. Inspection reports, IE Bulletins & correspondence
- B411160027 Forwards Insp Rept 50-261/84-28 on B40730-0803. No violation or deviation noted.
VERRELLI, D.M. Region 2, Office of Director. 84/09/12. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27444:168. 24X Fiche: 50-261, 84/09/12, B411160027.
- B411160031 Insp Rept 50-261/84-28 on B40730-0803. No violation or deviation noted. Major areas inspected: emergency preparedness.
KREH, J.L., CLINE, W.E. Region 2, Office of Director. 84/09/07. 7pp. 27544:170. 24X Fiche: 50-261, 84/09/12, B411160027.
- B411140054 Forwards Insp Rept 50-261/84-33 on B40910-12. No violations or deviations noted.
VERRELLI, D.M. Region 2, Office of Director. 84/10/03. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27494:032. 24X Fiche: 50-261, 84/10/03, B411140054.
- B411140060 Insp Rept 50-261/84-33 on B40910-12. No violations or deviations noted. Major areas inspected: licensee action on previous enforcement matters, preservice insp/inservice insp & inspector followup items.
KLEINGORGE, W.P., BLAKE, J.J. Region 2, Office of Director. 84/09/25. 10pp. 27494:034. 24X Fiche: 50-261, 84/10/03, B411140054.
- B411010616 Comments on periodic evaluation of SAMP for facilities. No major weaknesses identified. W/o EE Utley B40907 response to SAMP Board assessment.
O'REILLY, J.P. Region 2, Office of Director. 84/10/05. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27245:332. 24X Fiche: 50-000, 84/10/05, B411010616.

DOCKETED ITEMS

8411080279 Submits addl info in response to IE Bulletin 84-03.

Differences between seal arrangement at Unit 2 & Haddam Neck discussed. Calculations & physical test demonstrate pneuma-seal will not push through annulus.
BEATTY, G.P. Carolina Power & Light Co. 84/10/12. O'REILLY, J.P. Region 2, Office of Director. 9pp. 27392:095. 24X
Fiche: 50-261, 84/10/12, 8411080279.

8411140517 Ack receipt of 840815 & 1002 ltrs informing NRC of steps taken to correct violation noted in Insp Rept 90-261/84-23.
LEWIS, R.C. Region 2, Office of Director. 84/10/17. UTLEY, E.E. Carolina Power & Light Co. 1p. 27495:166. 24X
Fiche: 50-261, 84/10/17, 8411140517.

--8411140525 Responds to NRC 840716 ltr re violation noted in Insp Rept 50-261/84-23. Corrective actions: calibr of containment pressure channels stopped & operator counseled that work request should be initiated on nonconforming conditions.
MORGAN, R.E. Carolina Power & Light Co. 84/10/02. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27495:167. 24X
Fiche: 50-261, 84/10/17, 8411140517.

--8411140531 Responds to NRC 840716 ltr re violation noted in Insp Rept 50-261/84-23. Corrective actions: calibr of containment pressure channels stopped & individuals given addl radiation control retraining by ALARA group.
MORGAN, R.E. Carolina Power & Light Co. 84/08/15. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27495:171. 24X
Fiche: 50-261, 84/10/17, 8411140517.

--8411140536 Forwards Insp Rept 50-261/84-23 on 840611-0710. Violation noted.
LEWIS, R.C. Region 2, Office of Director. 84/07/16. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27495:175. 24X
Fiche: 50-261, 84/10/17, 8411140517.

--8411140539 Insp Rept 50-261/84-23 on 840611-0710. Violation noted: Failure to implement deficiency identification procedures & failure to implement requirements of radiation work permit.
WEISE, S., BEHIS, P., HARDIN, A.K. Region 2, Office of Director. 84/07/13. 8pp. 27495:177. 24X Fiche: 50-261, 84/10/17, 8411140517.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411200027 Monthly operating rept for Oct 1984, W/841108 ltr.
SCOTT, A.E., MORGAN, R.E. Carolina Power & Light Co. 84/10/31. 4pp. 27585:262. 24X Fiche: 50-261, 84/10/31, 8411200027.

S. Reportable occurrences, LERs & related correspondence

8411200397 LER 83-007/03L-1: on 830429, during testing of pressurizer PORV, valve RC-455C failed to meet required cycle time & to open fully. Caused by galling of valve plug to cage. Valve rebuilt. Stem guide bushing installed. W/841109 ltr.
WRIGHT, C.L., MORGAN, R.E. Carolina Power & Light Co. 84/11/09. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27585:017. 24X
Fiche: 50-261, 84/11/09, 8411200397.

8411210006 Summarizes 841025 telcon w/NRC re impact of loss of startup transformer, including responses to NRC concerns w/probability that reactor trip will occur upon inadvertent loss of power supplied by startup transformer.
ZIMMERMAN, S.R. Carolina Power & Light Co. 84/11/15. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27593:356. 24X
Fiche: 50-261, 84/11/15, 8411210006.

8411280209 PNO-II-84-089: on 841120, potential overexposure to senior health physics technician occurred. TLD showed whole body exposure of 4.12 rem while pocket dosimeter showed 141 mrem.
COOPER, W.T., CLINE, W.E. Region 2, Office of Director. 84/11/23. 1p. 27656:023. 24X Fiche: 50-261, 84/11/23, 8411280209.

DOCKET 50-262 BRIGHTMAN YOUNG UNIV. RESEARCH REACTOR

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

DOCKET 50-263 MONTICELLO NUCLEAR GENERATING PLANT

F. Security, medical, emergency & fire protection plans

8411010285 Forwards Rev 6 to security force training & qualification plan for Monticello & Prairie Island Nuclear Generating Plant. Rev withheld (ref 10CFR2.790).
LARSON, C.E. Northern States Power Co. 84/10/11. KEPPLER, J.G. Region 3, Office of Director. 1p. 27232:137. 24X
Fiche: 50-000, 84/10/11, 8411010285.

8411160034 Forwards Insp Rept 50-263/84-22 on 841001-03 & notice of violation.
GREGER, L.R. Region 3, Office of Director. 84/10/23. LARSON, C.E. Northern States Power Co. 2pp. 27544:042. 24X
Fiche: 50-263, 84/10/23, 8411160034.

DOCKETED ITEMS

53

--841160036 Notice of violation from insp on 841001-03.
GREGOR, L.R. Region 3, Office of Director. 84/10/23. 1p.
27544:044. 24X Fiche: 50-263, 84/10/23, 841160034.

--841160040 Insp Rept 50-263/84-22 on 841001-03. Noncompliance noted:
failure to train four designated emergency directors in
emergency preparedness.
GLOERSEN, W.B., PATTERSON, J.P., PHILLIPS, M.P. Region 3, Office of
Director. 84/10/23. 7pp. 27544:045. 24X Fiche: 50-263, 84/10/23,
841160034.

8411010227 Rev 11 to Emergency Plan Implementing Procedure A.2-001.
"Emergency Organization," & Rev 9 to Emergency Plan
Implementing Procedure A.2-406, "Offsite Dose Projection."
W/841024 1tr.
MATHIAS, A.D., FEY, F.L. Northern States Power Co. 84/10/24. 27pp.
27231:196. 24X Fiche: 50-263, 84/10/24, 8411010227.

8411060145 Forwards Rev 16 to security plan. Rev withheld
(ref 10CFR73.21).
LARSON, C.E. Northern States Power Co. 84/10/30. KEPPLER, J.G.
Region 3, Office of Director. 1p. 27322:286. 24X
Fiche: 50-263, 84/10/30, 8411060145.

8411290057 Forwards exemption allowing shift supervisor ofc to be
considered as part of control room for purposes of meeting
requirements of 10CFR50.54(m)(2). Exemption conditional
upon meeting listed requirements.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/14. MUSOLF, D.M.
Northern States Power Co. 3pp. 27700:273. 24X
Fiche: 50-263, 84/11/14, 8411290057.

--8411290063 Exemption allowing shift supervisor ofc to be considered
as part of control room for purposes of meeting requirements
of 10CFR50.54(m)(2), provided that listed conditions met.
MIRAGLIA, F.J. Division of Licensing. 84/11/14. Northern States
Power Co. 8pp. 27700:276. 24X Fiche: 50-263, 84/11/14, 8411290057.

8411290086 Advises that 841011 Rev 6 to physical security plan
inconsistent w/provisions of 10CFR50.54(p) & unacceptable.
AXELSON, M.L. Region 3, Office of Director. 84/11/15. LARSON, C.E.
Northern States Power Co. 2pp. 27721:116. 24X
Fiche: 50-263, 84/11/15, 8411290086.

I. Financial information

8411290646 Informs that 841004 financial info submitted for 1984
satisfies 10CFR140.21 requirement that each licensee
maintain approved guarantee of payment of deferred premiums
for each operating reactor over 100 MWe.
SALTZMAN, J. Assistant Director for State & Licensee Relations.
84/10/17. HALL, E.J. Northern States Power Co. 1p. 27699:354. 24X
Fiche: 50-263, 84/10/17, 8411290646.

P. Operating license stage documents & correspondence

8411290284 Third partial response to FOIA request for documents re
prior hearing for proposed DL amends for 11 reactors,
allowing operation w/one recirculation loop out of svc.
Forwards App A documents, App B documents in PDR.
FELTON, J.M. Division of Rules and Records. 84/04/19. BELL, N.
Nuclear Information & Resource Service. 9pp. 27696:288. 24X
Fiche: 50-000, 84/04/19, 8411290284.

--8411290447 Forwards application to amend License DPR-22, changing Tech
Spec to allow operation at substantial power level w/one
recirculation pump in operation & equalizer valve closed.
MAYER, L.O. Northern States Power Co. 76/09/07. STELLD, V.
Division of Operating Reactors. 1p. 27697:189. 24X
Fiche: 50-000, 84/04/19, 8411290284.

--8411290452 Application to amend License DPR-22, changing Tech Spec to
allow operation at substantial power level w/one
recirculation pump in operation & equalizer valve closed.
MACHTER, L.J. Northern States Power Co. 76/09/07. 4pp.
27697:190. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290455 Proposed Tech Specs allowing operation at substantial power
level w/one recirculation pump in operation & equalizer
valve closed.
* Northern States Power Co. 76/09/07. 9pp. 27697:194. 24X
Fiche: 50-000, 84/04/19, 8411290284.

--8411290459 Forwards notice of proposed issuance of amend to License
DPR-22. Proposed amend revises Tech Specs to add operating
limits for single loop operation.
ZIEHMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/09/28.
MAYER, L.O. Northern States Power Co. 2pp. 27697:203. 24X
Fiche: 50-000, 84/04/19, 8411290284.

--8411290461 Notice of proposed issuance of amend to License DPR-22.
ZIEHMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/09/27.
3pp. 27697:205. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290467 Forwards request for addl info re operation w/one
recirculation pump & equalizer valve closed. Response
requested within 45 days of receipt of ltr.
ZIEHMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/12/14.
MAYER, L.O. Northern States Power Co. 3pp. 27697:208. 24X
Fiche: 50-000, 84/04/19, 8411290284.

--8411290470 Responds to 761214 request for addl info re single
recirculation pump operation w/equalizer valve closed.
MAYER, L.O. Northern States Power Co. 77/01/19. ZIEHMANN, D.L.
Operating Reactors Branch 2 (Pre 800428). 2pp. 27697:211. 24X
Fiche: 50-000, 84/04/19, 8411290284.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees
except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re
reactor vessel water level instrumentation in BWRs. Svc list
encl.
EISENHUT, D.G. Division of Licensing. 84/10/26. General Public
Utilities - GPU Service Corp. 19pp. 27417:055. 24X
Fiche: 50-000, 84/10/26, 8410290050.

841160539 Forwards Amend 27 to License DPR-22 & safety evaluation.
Amend revises Tech Specs to add surveillance & operability
requirements for RHR intertie line valves & addl limitations
on use.
ROONEY, V.L. Operating Reactors Branch 2. 84/10/31. MUSOLF, D.M.
Northern States Power Co. 2pp. 27543:303. 24X
Fiche: 50-263, 84/10/31, 841160539.

--841160543 Amend 27 to License DPR-22, changing Tech Specs to add
surveillance & operability requirements for RHR intertie
liners valves, adding limitations on use of intertie line &
deleting Tech Specs re recirculation sys cross tie lines.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/31. 12pp.
27543:307. 24X Fiche: 50-263, 84/10/31, 841160539.

--841160544 Safety evaluation supporting Amend 27 to License DPR-22.
* Office of Nuclear Reactor Regulation, Director. 84/10/31. 6pp.
27543:319. 24X Fiche: 50-263, 84/10/31, 841160539.

841190155 Forwards Amend 28 to License DPR-22 & safety evaluation.
Amend revises Tech Specs to reflect use of hybrid design
hafnium control rod assemblies.
ROONEY, V.L. Operating Reactors Branch 2. 84/11/02. MUSOLF, D.M.
Northern States Power Co. 2pp. 27568:211. 24X
Fiche: 50-263, 84/11/02, 841190155.

--841190159 Amend 28 to License DPR-22, revising Tech Specs to reflect
use of hybrid design hafnium control rod assemblies.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/02. 4pp.
27568:213. 24X Fiche: 50-263, 84/11/02, 841190155.

--841190163 Safety evaluation supporting Amend 28 to License DPR-22.
* Office of Nuclear Reactor Regulation, Director. 84/11/02. 2pp.
27568:217. 24X Fiche: 50-263, 84/11/02, 841190155.

8411210284 Forwards notice of environ assessment & finding of no
significant impact. Notice relates to 840323 request for
exemption to permit shift supervisor ofc to be considered
part of control room to meet requirements of 10CFR50.54.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/07. MUSOLF, D.M.
Northern States Power Co. 2pp. 27617:284. 24X
Fiche: 50-263, 84/11/07, 8411210284.

--8411210287 Notice of environ assessment & finding of no significant
impact re 840323 request for exemption to permit shift
supervisor ofc to be considered part of control room for
purposes of meeting requirements of 10CFR50.54.
LAINAS, O.C. Assistant Director for Operating Reactors. 84/11/07.
4pp. 27617:286. 24X Fiche: 50-263, 84/11/07, 8411210284.

841160306 Forwards Rev 1 to 840830 application for amend to License
DPR-22, revising Tech Specs to allow reactor water level or
drywell pressure instruments to be removed from svc during
outages for maint & testing.
MUSOLF, D. Northern States Power Co. 84/11/08. Office of Nuclear
Reactor Regulation, Director. 1p. 27536:200. 24X
Fiche: 50-263, 84/11/08, 841160306.

--841160308 Rev 1 to 840830 application for amend to License DPR-22,
revising Tech Specs to allow reactor water level or drywell
pressure instruments to be removed from svc during outages
for maint & testing.
MUSOLF, D. Northern States Power Co. 84/11/08. 1p. 27536:201.
24X Fiche: 50-263, 84/11/08, 841160306.

DOCKETED ITEMS

--8411160313 Proposed Tech Specs allowing reactor water level or drywell pressure instruments to be removed from svc during outages for maint & testing.
* Northern States Power Co. 84/11/08. 1p. 27536:202. 24X
Fiche:50-263,84/11/08,8411160306.

8411160312 Forwards Rev 1 to application for amend to License DPR-22, changing Tech Specs re degraded voltage protection logic. Table 3.2.6 revised to include allowable setting band.
MUSOLF, D. Northern States Power Co. 84/11/09. Office of Nuclear Reactor Regulation, Director. 1p. 27536:207. 24X
Fiche:50-263,84/11/09,8411160312.

--8411160317 Rev 1 to application for amend to License DPR-22, revising Tech Specs re degraded voltage protection logic. Table 3.2.6 revised to include allowable relay setting bands & provide realistic deviations for loss of voltage relays.
* Northern States Power Co. 84/11/09. 1p. 27536:208. 24X
Fiche:50-263,84/11/09,8411160312.

--8411160323 Proposed Tech Specs revising degraded voltage protection logic & Table 3.2.6 to include allowable relay setting band & to provide realistic deviations for loss of voltage relays.
* Northern States Power Co. 84/11/09. 2pp. 27536:209. 24X
Fiche:50-263,84/11/09,8411160312.

8411280465 Forwards notice of environ assessment & finding of no significant impact re application for amend to License DPR-22, changing APRM/rod block monitor/Tech Spec improvement program.
ROONEY, V.L. Operating Reactors Branch 2. 84/11/09. MUSOLF, D.F. Northern States Power Co. 2pp. 27682:285. 24X
Fiche:50-263,84/11/09,8411280465.

--8411280472 Notice of environ assessment & finding of no significant impact re application for amend to License DPR-22, changing APRM/rod block monitor/Tech Spec improvement program.
LAINAS, G.C. Assistant Director for Operating Reactors. 84/11/09. 3pp. 27682:287. 24X Fiche:50-263,84/11/09,8411280465.

8411290066 Advises that 840612 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/13. MUSOLF, D.M. Northern States Power Co. 2pp. 27700:265. 24X
Fiche:50-263,84/11/13,8411290066.

8411290057 Forwards exemption allowing shift supervisor ofc to be considered as part of control room for purposes of meeting requirements of 10CFR50.54(m)(2). Exemption conditional upon meeting listed requirements.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/14. MUSOLF, D.M. Northern States Power Co. 3pp. 27700:273. 24X
Fiche:50-263,84/11/14,8411290057.

--8411290063 Exemption allowing shift supervisor ofc to be considered as part of control room for purposes of meeting requirements of 10CFR50.54(m)(2), provided that listed conditions met.
MIRAGLIA, F.J. Division of Licensing. 84/11/14. Northern States Power Co. 8pp. 27700:276. 24X Fiche:50-263,84/11/14,8411290057.

8411290180 Forwards Amend 29 to License DPR-22, safety evaluation & FR notice of issuance. Amend permits implementation of requested improvement program for APRM/rod block monitor Tech Specs.
ROONEY, V.L. Operating Reactors Branch 2. 84/11/16. MUSOLF, D.M. Northern States Power Co. 2pp. 27696:112. 24X
Fiche:50-263,84/11/16,8411290180.

--8411290202 Amend 29 to License DPR-22, permitting implementation of requested improvement program for APRM/rod block monitor Tech Specs.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/16. 36pp. 27696:114. 24X Fiche:50-263,84/11/16,8411290180.

--8411290207 Safety evaluation supporting Amend 29 to License DPR-22.
* Office of Nuclear Reactor Regulation, Director. 84/11/16. 9pp. 27696:150. 24X Fiche:50-263,84/11/16,8411290180.

--8411290211 Notice of issuance of Amend 29 to License DPR-22.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/16. 2pp. 27696:159. 24X Fiche:50-263,84/11/16,8411290180.

Amend 30 to License DPR-22 & safety evaluation.
Specs to incorporate limiting conditions
sillance requirements for 10-10 setpoint

Branch 2. 84/11/16. MUSOLF, D.M.
27700:128. 24X

--8411290628 Amend 30 to License DPR-22, changing Tech Specs to incorporate limiting conditions of operation & surveillance requirements for 10-10 setpoint logic mod.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/16. 21pp. 27700:130. 24X Fiche:50-263,84/11/16,8411290624.

--8411290632 Safety evaluation supporting Amend 30 to License DPR-22.
* Office of Nuclear Reactor Regulation, Director. 84/11/16. 2pp. 27700:151. 24X Fiche:50-263,84/11/16,8411290624.

Q. Inspection reports, IE Bulletins & correspondence

8411160034 Forwards Insp Rept 50-263/84-22 on 841001-03 & notice of violation.
GREGER, L.R. Region 3, Office of Director. 84/10/23. LARSON, C.E. Northern States Power Co. 2pp. 27544:042. 24X
Fiche:50-263,84/10/23,8411160034.

--8411160036 Notice of violation from insp on 841001-03.
GREGER, L.R. Region 3, Office of Director. 84/10/23. 1p. 27544:044. 24X Fiche:50-263,84/10/23,8411160034.

--8411160040 Insp Rept 50-263/84-22 on 841001-03. Noncompliance noted: failure to train four designated emergency directors in emergency preparedness.
OLDENSEN, W.B., PATTERSON, J.P., PHILLIPS, M.P. Region 3, Office of Director. 84/10/23. 7pp. 27544:045. 24X Fiche:50-263,84/10/23,8411160034.

R. Periodic operating reports & related correspondence

8411140318 Monthly operating rept for Sept 1984. W/841005 ltr.
MYRABO, A.L., MUSOLF, D. Northern States Power Co. 84/09/30. 5pp. 27491:260. 24X Fiche:50-263,84/09/30,8411140318.

8411200031 Monthly operating rept for Oct 1984. W/841105 ltr.
MYRABO, A.L., MUSOLF, D. Northern States Power Co. 84/10/31. 5pp. 27585:266. 24X Fiche:50-263,84/10/31,8411200031.

S. Reportable occurrences, LERs & related correspondence

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche:50-000,84/11/06,8411190524.

8411190191 LER 84-030-00: on 841009, EFT sys transferred to emergency mode when ammonia & hydrogen chloride monitor tape cassettes ran out, resulting in spurious trip of monitors. Replacement schedule revised. W/841108 ltr.
HAMMER, M.F., MUSOLF, D. Northern States Power Co. 84/11/08. 3pp. 27567:308. 24X Fiche:50-263,84/11/08,8411190191.

8411190207 LER 84-031-00: on 841016, EFT sys (control room HVAC) transferred to emergency mode as result of spurious trip of chlorine monitor AT-7046A. No apparent cause found. Monitor reset. W/841109 ltr.
HAMMER, M.F., MUSOLF, D. Northern States Power Co. 84/11/09. 3pp. 27567:311. 24X Fiche:50-263,84/11/09,8411190207.

8411190492 PND-III-84-094: on 841109, NRC info assessment team received info from law enforcement agency re possible demonstrations against planned shipments of reactor fuel. Security personnel continued monitoring situation.
CREED, J., AXELSON, W., HIND, J. Region 3, Office of Director. 84/11/13. 1p. 27549:024. 24X Fiche:50-263,84/11/13,8411190492.

8411270359 PND-III-84-101: on 841120, several demonstrations occurred in opposition to rail shipment of spent fuel from plant to Morris, IL GE spent fuel storage facility. Shipment checked. No violations noted.
STRASMA, J., CREED, J., AXELSON, N. Region 3, Office of Director. 84/11/21. 1p. 27628:361. 24X Fiche:50-263,84/11/21,8411270359.

DOCKET 50-265 GUAD CITIES STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411130484 Forwards Insp Repts 50-254/84-16 & 50-265/84-14 on 840906-1006. No noncompliance noted.
SHAFFER, W.D. Region 3, Office of Director. 84/10/17. REED, C. Commonwealth Edison Co. 2pp. 24X Fiche:50-254,84/10/17,8411130484.

DOCKETED ITEMS

55

--8411130495 Insp Repts 50-254/84-16 & 50-265/84-14 on 840906-1006. No noncompliance noted. Major areas inspected: operations, radiological controls, maint/mods, surveillance, fire protection, emergency preparedness & security. CHRISSOTIMOS, N. Region 3, Office of Director. 84/10/17. 5pp. 24X Fiche: 50-254, 84/10/17, 8411130484.

8411160523 Forwards Insp Repts 50-254/84-18 & 50-265/84-16 on 840924-28. No noncompliance or deviations noted. GREGER, L. R. Region 3, Office of Director. 84/10/26. REED, C. Commonwealth Edison Co. 2pp. 27545:148. 24X Fiche: 50-254, 84/10/26, 8411160523.

--8411160534 Insp Repts 50-254/84-18 & 50-265/84-16 on 840924-28. No noncompliance noted. Major areas inspected: emergency preparedness plan, including emergency detection & classification & notifications & communications. PLOSKI, T. Region 3, Office of Director. 84/10/26. 17pp. 27545:150. 24X Fiche: 50-254, 84/10/26, 8411160523.

8411150092 Forwards "Quad Cities Nuclear Power Station Emergency Operating Procedures Generation Package." Package includes plant-specific technical guidelines, emergency procedures writers guide & training program description. RYBAK, B. Commonwealth Edison Co. 84/10/30. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27500:289. 24X Fiche: 50-254, 84/10/30, 8411150092.

--8411150095 "Quad Cities Nuclear Power Station Emergency Operating Procedures Generation Package." * Commonwealth Edison Co. 84/10/30. 89pp. 27500:291. 24X Fiche: 50-254, 84/10/30, 8411150092.

8411050436 Revised emergency plan implementing procedures, including GEP 370-0 re affected onsite personnel & GEP 370-1 re first aid procedure. * Commonwealth Edison Co. 84/10/31. 7pp. 27298:035. 24X Fiche: 50-254, 84/10/31, 8411050436.

8411060475 Revised emergency plan implementing procedures, including GEP 120 re operations director, GEP 120-T1 re guidelines for search & rescue team operations & GEP 310-1 re initial notification. * Commonwealth Edison Co. 84/10/31. 43pp. 27312:275. 24X Fiche: 50-254, 84/10/31, 8411060475.

8411160334 Revised environ emergency plan implementing procedures including EG-1 re coordination of environ group activities & EG-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR. THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022. 24X Fiche: 50-000, 84/10/31, 8411160334.

P. Operating license stage documents & correspondence

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl. EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, 8410290050.

8411150017 Advises that TMI Item III.D.3.4, "Control Room Habitability," not fully operable at facilities, in response to Generic Ltrs 82-05 & 82-10. Minor work incomplete. Sys will be operable by 841231. RYBAK, B. Commonwealth Edison Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27504:250. 24X Fiche: 50-000, 84/10/31, 8411150017.

8411150002 Forwards procedure for initiation of containment spray cooling, temp analysis inputs for CONTEMPT & break drywell temp analysis, in response to NRC request during 840913 meeting. RYBAK, B. Commonwealth Edison Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 39pp. 27504:096. 24X Fiche: 50-000, 84/11/05, 8411150002.

8411290045 Advises that 840612 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved. VASSALLO, D. B. Operating Reactors Branch 2. 84/11/14. FARRAR, D. L. Commonwealth Edison Co. 2pp. 27700:299. 24X Fiche: 50-254, 84/11/14, 8411290045.

8411290018 Forwards survey questions re surveillance & control methods used to detect & control fouling of safety sys by Asiatic clams & blue mussels. Survey will be used as part of effort to address means for detecting & controlling agents. VASSALLO, D. B. Operating Reactors Branch 2. 84/11/15. FARRAR, D. L. Commonwealth Edison Co. 3pp. 27700:267. 24X Fiche: 50-254, 84/11/15, 8411290018.

G. Inspection reports, IE Bulletins & correspondence

8411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-275/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907. NORELIUS, C. E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

--8411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16... on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites. SUERMANN, J. F. Region 3, Office of Director. 84/10/12. 5pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

8411130370 Forwards Insp Repts 50-254/84-19 & 50-265/84-17 on 840924-28 & notice of violation. SHAFER, W. D. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 2pp. 27459:042. 24X Fiche: 50-254, 84/10/16, 8411130370.

--8411130375 Notice of violation from insp on 840924-28. SHAFER, W. D. Region 3, Office of Director. 84/10/16. 1p. 27459:044. 24X Fiche: 50-254, 84/10/16, 8411130370.

--8411130380 Insp Repts 50-254/84-19 & 50-265/84-17 on 840924-28. Noncompliance noted: failure to properly control high radiation area door. R-gate to northeast RHR area unlocked, w/o control devices or alarms. CHRISSOTIMOS, N. Region 3, Office of Director. 84/10/16. 11pp. 27459:045. 24X Fiche: 50-254, 84/10/16, 8411130370.

8411130484 Forwards Insp Repts 50-254/84-16 & 50-265/84-14 on 840906-1006. No noncompliance noted. SHAFER, W. D. Region 3, Office of Director. 84/10/17. REED, C. Commonwealth Edison Co. 2pp. 27463:239. 24X Fiche: 50-254, 84/10/17, 8411130484.

--8411130495 Insp Repts 50-254/84-16 & 50-265/84-14 on 840906-1006. No noncompliance noted. Major areas inspected: operations, radiological controls, maint/mods, surveillance, fire protection, emergency preparedness & security. CHRISSOTIMOS, N. Region 3, Office of Director. 84/10/17. 5pp. 27463:241. 24X Fiche: 50-254, 84/10/17, 8411130484.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411160523 Forwards Insp Repts 50-254/84-18 & 50-265/84-16 on 840924-28. No noncompliance or deviations noted. GREGER, L. R. Region 3, Office of Director. 84/10/26. REED, C. Commonwealth Edison Co. 2pp. 27545:148. 24X Fiche: 50-254, 84/10/26, 8411160523.

--8411160534 Insp Repts 50-254/84-18 & 50-265/84-16 on 840924-28. No noncompliance noted. Major areas inspected: emergency preparedness plan, including emergency detection & classification & notifications & communications. PLOSKI, T., PHILLIPS, M. P. Region 3, Office of Director. 84/10/26. 17pp. 27545:150. 24X Fiche: 50-254, 84/10/26, 8411160523.

8411010436 Confirms plans for 841105 enforcement conference in Glen Ellyn, IL to discuss 841025 event & control room operations staff actions. NORELIUS, C. E. Region 3, Office of Director. 84/10/29. REED, C. Commonwealth Edison Co. 1p. 27229:362. 24X Fiche: 50-265, 84/10/29, 8411010436.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKETED ITEMS

841150041 IE Info Notice 84-B1, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-B2, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

8411210461 Monthly operating repts for Oct 1984. W/841101 ltr.
KIMLER, D., KALIVIANAKIS, N. Commonwealth Edison Co. 84/10/31. 22pp. 27607:141. 24X Fiche: 50-254, 84/10/31, 8411210461.

841190153 Forwards listing of changes, tests & experiments completed during Oct 1984.
KALIVIANAKIS, N. Commonwealth Edison Co. 84/11/01. CASE, E. G. Office of Nuclear Reactor Regulation, Director. 3pp. 27554:359. 24X Fiche: 50-254, 84/11/01, 841190153.

S. Reportable occurrences, LERs & related correspondence

841130267 LER 83-024/O3L-1: on 831201, snubbers failed to meet acceptance criteria of operational cycle functional test. Caused by extensive side loading, excessive interior rust & corrosion & inertia mass misalignment. W/841019 ltr.
LEAVERTON, W., KALIVIANAKIS, N. Commonwealth Edison Co. 84/10/19. KEPLER, J. Region 3, Office of Director. 4pp. 27460:001. 24X Fiche: 50-265, 84/10/19, 841130267.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office. Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

DOCKET 50-266 POINT BEACH NUCLEAR PLANT, UNIT 1

F. Security, medical, emergency & fire protection plans

841120351 Responds to NRC 840821 ltr re violations noted in Emergency Preparedness Insp Repts 50-266/84-13 & 50-301/84-11. Extension of 30 days to submit responses to notice of violations & proposed corrective actions requested.
FAY, C. W. Wisconsin Electric Power Co. 84/09/20. KEPLER, J. G., PAPERIELLO, C. J. Region 3, Office of Director. 1p. 27426:231. 24X Fiche: 50-266, 84/09/20, 841120351.

8411020181 Requests extension for implementation of upgraded emergency operating procedures until 850701.
FAY, C. W. Wisconsin Electric Power Co. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. MILLER, J. R. Operating Reactors Branch 3. 2pp. 27259:257. 24X Fiche: 50-266, 84/10/26, 8411020181.

841130342 Ack receipt of 841019 ltr informing NRC of steps taken to correct noncompliance & emergency preparedness weaknesses noted in Insp Repts 50-266/84-13 & 50-301/84-11.
GREGER, L. R. Region 3, Office of Director. 84/11/07. FAY, C. W. Wisconsin Electric Power Co. 1p. 27440:132. 24X Fiche: 50-266, 84/11/07, 841130342.

--841130351 Responds to NRC 840821 ltr re App A violations & emergency preparedness weaknesses noted in Insp Repts 50-266/84-13 & 50-301/84-11. Corrective actions: procedures re emergency action level reviews w/ state & local govts will be revised.
FAY, C. W. Wisconsin Electric Power Co. 84/10/19. KEPLER, J. G., PAPERIELLO, C. J. Region 3, Office of Director. 4pp. 27440:133. 24X Fiche: 50-266, 84/11/07, 841130342.

841190415 Rev 23 to Emergency Plan EP 5.0, "Organizational Control of Emergencies." W/841114 ltr.
FAY, C. W. Wisconsin Electric Power Co. 84/11/14. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. MILLER, J. R. Operating Reactors Branch 3. 32pp. 27531:193. 24X Fiche: 50-266, 84/11/14, 841190415.

P. Operating license stage documents & correspondence

841120068 Forwards SER re review of 840601 response to Generic Ltr 83-28, Item 4.3, "Design of Automatic Shunt Trip for Reactor Scram Breakers."
MILLER, J. R. Operating Reactors Branch 3. 84/09/26. FAY, C. W. Wisconsin Electric Power Co. 1p. 27457:213. 24X Fiche: 50-266, 84/09/26, 841120068.

--841120074 Safety evaluation re Generic Ltr 83-28, Item 4.3, "Reactor Trip Breaker Automatic Shunt Trip."
* NRC - No Detailed Affiliation Given. 84/09/26. 8pp. 27457:214. 24X Fiche: 50-266, 84/09/26, 841120068.

841150180 Forwards Amends 86 & 90 to Licenses DPR-24 & DPR-27, respectively & safety evaluation Amends revise Tech Specs to allow use of Westinghouse optimized fuel assemblies.
MILLER, J. R. Operating Reactors Branch 3. 84/10/05. FAY, C. W. Wisconsin Electric Power Co. 4pp. 27543:210. 24X Fiche: 50-266, 84/10/05, 841150180.

--841150185 Amends 86 & 90 to Licenses DPR-24 & DPR-27, respectively, revising Tech Specs to allow use of Westinghouse optimized fuel assemblies.
MILLER, J. R. Operating Reactors Branch 3. 84/10/05. 36pp. 27543:214. 24X Fiche: 50-266, 84/10/05, 841150180.

--841150190 Safety evaluation supporting Amends 86 & 90 to Licenses DPR-24 & DPR-27, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/05. 7pp. 27543:250. 24X Fiche: 50-266, 84/10/05, 841150180.

841130568 Advises that 840305, 0626 & 29 request for mods to license re installation of post-accident monitoring, per TMI Item II.F.1, should be pursued via formal license amend process.
MILLER, J. R. Operating Reactors Branch 3. 84/10/12. FAY, C. W. Wisconsin Electric Power Co. 3pp. 27472:063. 24X Fiche: 50-266, 84/10/12, 841130568.

8411020239 Responds to approval exceptions in 840926 safety evaluation re 840601 proposal to incorporate automatic shunt trip circuit for reactor scram breakers. Unit 2 reactor scram breaker shunt trip attachments being installed.
FAY, C. W. Wisconsin Electric Power Co. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. MILLER, J. R. Operating Reactors Branch 3. 2pp. 27257:178. 24X Fiche: 50-266, 84/10/26, 8411020239.

8411050349 Application for amends to Licenses DPR-24 & DPR-27, revising Tech Specs to delete limiting condition for operation of auxiliary feedwater sys & clarification of inservice insp requirements for steam generators. Fee paid.
FAY, C. W. Wisconsin Electric Power Co. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. MILLER, J. R. Operating Reactors Branch 3. 3pp. 27300:324. 24X Fiche: 50-266, 84/10/26, 8411050349.

--8411050360 Proposed Tech Spec rev, deleting limiting condition for operation re auxiliary feedwater sys & clarification of inservice insp requirements for steam generators.
* Wisconsin Electric Power Co. 84/10/26. 8pp. 27300:327. 24X Fiche: 50-266, 84/10/26, 8411050349.

8411050392 Forwards proprietary & nonproprietary "Software Design Rept for Class A Model & Meteorological, Radiological Effluent & Dose Repts for Point Beach Nuclear Plant," per 841001 ltr. Proprietary version withheld (ref 10CFR2.790).
FAY, C. W. Wisconsin Electric Power Co. 84/11/01. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. MILLER, J. R. Operating Reactors Branch 3. 7pp. 27301:155. 24X Fiche: 50-266, 84/11/01, 8411050392.

--8411050393 Nonproprietary "Software Design Rept for Class A Model & Meteorological, Radiological Effluent & Dose Repts for Point Beach Nuclear Plant."
* Energy Impact Associates. C-399. 84/01/31. 97pp. 27301:162. 24X Fiche: 50-266, 84/11/01, 8411050392.

8411060224 Provides info consistent w/provision of 77102 safety evaluation which included consideration & approval of using fuel assemblies repaired by replacement of damaged fuel rod w/inert rod or by removing rod.
FAY, C. W. Wisconsin Electric Power Co. 84/11/01. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. MILLER, J. R. Operating Reactors Branch 3. 2pp. 27324:008. 24X Fiche: 50-266, 84/11/01, 8411060224.

DOCKETED ITEMS

57

- 8411200146 Forwards notice of environ assessment & finding of no significant impact, in response to 840802 application for extension of date for final environ qualification of certain electrical equipment.
MILLER, J.R. Operating Reactors Branch 3. 84/11/01. 24X
Fiche: 50-266, 84/11/01, 8411200146.
- 8411200153 Notice of environ assessment & finding of no significant impact re 840802 request for extension of deadline for final environ qualification of certain electrical equipment important to safety.
LAINAS, G.C. Assistant Director for Operating Reactors. 84/10/30. 3pp. 27586:352. 24X Fiche: 50-266, 84/11/01, 8411200146.
- 841120294 Forwards revised radwaste process control program procedures, in response to 841011 request.
FAY, C.W. Wisconsin Electric Power Co. 84/11/05. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 1p. 27425:012. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120295 Rev 9 to Procedure OP-9A, "Liquid Waste Process Sys Operation."
* Wisconsin Electric Power Co. 84/02/28. 3pp. 27425:013. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120296 Rev 5 to Procedure OI-16, "Blowdown Evaporator Operation."
* Wisconsin Electric Power Co. 84/01/20. 9pp. 27425:016. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120298 Rev 5 to Procedure OI-19, "Spent Fuel Pit Demineralizer Resin Flush & Recharge, U6."
* Wisconsin Electric Power Co. 83/11/18. 5pp. 27425:025. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120299 Rev 14 to Procedure OI-20, "Resin Transfer Cask & Resin Storage Tank - T112."
* Wisconsin Electric Power Co. 84/06/26. 20pp. 27425:030. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120300 Rev 8 to Procedure OI-21, "Mixed Bed (HOM) Demineralizer Resin Flush & Recharge, 1U1A(B) & 2U1A(B)."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:050. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120302 Rev 6 to Procedure OI-24, "Evaporator Feed Ion Exchanger Resin Flush & Recharge 1U12A, B&C & 2U12."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:056. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120304 Rev 6 to Procedure OI-26, "Deborating Demineralizer Resin Flush & Recharge 1U2A(B) & 2U2A(B)."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:062. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120306 Rev 6 to Procedure OI-27, "Cation Bed Demineralizer Resin Flush & Recharge 1U9 & 2U9."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:068. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120308 Rev 6 to Procedure OI-28, "Condensate Demineralizer Resin Flush & Recharge U3A, (U3B) & [U3C]."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:074. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120312 Rev 6 to Procedure OI-29, "Waste Polishing Demineralizer Resin Flush & Recharge T108A & (T108B)."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:080. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120315 Rev 2 to Procedure OI-67, "Operation of AMF Waste Evaporator & Waste Condensate Sys."
* Wisconsin Electric Power Co. 84/05/25. 6pp. 27425:086. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120320 Rev 6 to Procedure RP-58, "NLI-1/2 Spent Fuel Shipping Cask Handling & Unloading."
* Wisconsin Electric Power Co. 84/01/18. 29pp. 27425:092. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120322 Rev 1 to Procedure RDW 2.1, "Radioactive Matl Handling Responsibilities."
* Wisconsin Electric Power Co. 83/12/08. 2pp. 27425:121. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120324 Rev 1 to Procedure RDW 3.1, "Radwaste Disposal."
* Wisconsin Electric Power Co. 84/05/11. 6pp. 27425:123. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120327 Rev 2 to Procedure RDW 3.2, "Disposal of Radwaste in 55 Gallon Drums."
* Wisconsin Electric Power Co. 84/05/11. 9pp. 27425:129. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120331 Rev 2 to Procedure RDW 3.3, "Procedure to Absorb Oil w/H3 Dri for Shipment to Richland, WA Burial Site."
* Wisconsin Electric Power Co. 84/03/09. 6pp. 27425:138. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120335 Rev 4 to Procedure RDW 3.4, "Xylene-Based Scintillation Fluid Packaging & Disposal."
* Wisconsin Electric Power Co. 84/05/11. 4pp. 27425:144. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120336 Rev 1 to Procedure RDW 3.5, "Steam Generator Sludge Lance Filter Disposal."
* Wisconsin Electric Power Co. 84/01/11. 3pp. 27425:148. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120340 Rev 3 to Procedure RDW 3.6, "Preparation of Radwaste Liners for Filling, Storage & Shipment."
* Wisconsin Electric Power Co. 84/05/11. 5pp. 27425:151. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120342 Rev 0 to Procedure RDW 3.6.1, "Transfer of Resin Between Liners."
* Wisconsin Electric Power Co. 83/12/02. 11pp. 27425:156. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120345 Rev 2 to Procedure RDW 3.7, "Preparation of Radwaste Wood Boxes."
* Wisconsin Electric Power Co. 84/03/09. 4pp. 27425:167. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120350 Rev 1 to Procedure RDW 3.8, "Procedure to Determine Radwaste Classification."
* Wisconsin Electric Power Co. 84/05/11. 3pp. 27425:171. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120354 Rev 0 to Procedure RDW 3.9, "Procedure to Decontaminate Oil."
* Wisconsin Electric Power Co. 84/01/11. 6pp. 27425:174. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120358 Rev 2 to Procedure RDW 4.1, "Receipt of Radioactive Matl."
* Wisconsin Electric Power Co. 84/05/11. 15pp. 27425:180. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120364 Rev 3 to Procedure RDW 5.1, "Radioactive Matl Shipments - General."
* Wisconsin Electric Power Co. 84/05/11. 14pp. 27425:195. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120368 Rev 2 to Procedure RDW 5.2, "Shipment of Limited Quantities of Radioactive Matls."
* Wisconsin Electric Power Co. 84/02/23. 3pp. 27425:209. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120372 Rev 0 to Procedure RDW 5.2, "Shipment of Limited Quantities of Radioactive Matls 49CFR173.391."
* Wisconsin Electric Power Co. 83/03/18. 2pp. 27425:212. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120376 Rev 3 to Procedure RDW 5.3, "Shipment of Low Specific Activity Radioactive Matls 49CFR173.425 & 10CFR71.52."
* Wisconsin Electric Power Co. 84/05/11. 4pp. 27425:214. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120379 Rev 4 to Procedure RDW 5.4, "Shipment of Radioactive Matl in Type A, Type B & Highway Route Controlled Quantities."
* Wisconsin Electric Power Co. 84/05/11. 4pp. 27425:218. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120381 Rev 4 to Procedure RDW 5.5, "Spent Fuel Receipt, Handling & Empty Cask Shipment."
* Wisconsin Electric Power Co. 84/09/28. 8pp. 27425:222. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120385 Rev 2 to Procedure RDW 5.6, "Marking & Labeling Requirements for Shipments of Radioactive Matl Packages."
* Wisconsin Electric Power Co. 84/04/06. 6pp. 27425:230. 24X
Fiche: 50-266, 84/11/05, 841120294.
- 841120390 Rev 1 to Procedure RDW 5.7, "Vehicle Loading, Surveys & Placarding Procedures for Shipments of Radioactive Matl."
* Wisconsin Electric Power Co. 83/12/08. 9pp. 27425:236. 24X
Fiche: 50-266, 84/11/05, 841120294.

DOCKETED ITEMS

--841120393 Rev 4 to Procedure RDW 5.8, "Shipment Scheduling & Shipping Paper Preparation for Radioactive Matl Shipments (49CFR172)." * Wisconsin Electric Power Co. 84/08/31. 13pp. 27425:245. 24X Fiche: 50-266, 84/11/05, 841120294.

--841120394 Rev 3 to Procedure RDW 5.9, "Documentation of Radioactive Matl Shipping Package Insp, Certification & Safety Analysis (49CFR173.24)." * Wisconsin Electric Power Co. 84/05/11. 4pp. 27425:258. 24X Fiche: 50-266, 84/11/05, 841120294.

--841120397 Rev 2 to Procedure RDW 5.10, "Selecting Packages for Radioactive Matl Shipments." * Wisconsin Electric Power Co. 84/05/11. 6pp. 27425:262. 24X Fiche: 50-266, 84/11/05, 841120294.

8411200107 Approves 840410 request re return of reactor cavity annulus seal rings to original design storage location. Staff concerns re Unresolved Safety Issue A-2 net, per 840201 Generic Ltr 84-04. MILLER, J.R. Operating Reactors Branch 3. 84/11/05. FAY, C.W. Wisconsin Electric Power Co. 1p. 27588:362. 24X Fiche: 50-266, 84/11/05, 8411200107.

8411200118 Responds to 840802 request for extension of deadline for final environ qualification for certain safety-related electrical equipment, per 10CFR50.49. Deadline extension granted to 850607 per 10CFR51.32. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/11/05. BRITT, R.W. Wisconsin Electric Power Co. 3pp. 27598:015. 24X Fiche: 50-266, 84/11/05, 8411200118.

841190560 Application for amends to License DPR-24 & DPR-27, authorizing additions to Tech Specs re overtemp delta-T & overpower delta-T to specify time constants used in measured delta-T & avg temp lag compensations. Fee paid. FAY, C.W. Wisconsin Electric Power Co. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 4pp. 27549:273. 24X Fiche: 50-266, 84/11/09, 841190560.

--841190572 Proposed Tech Specs specifying time constants utilized in measured delta-T & avg temp lag compensations which are part of instrumentation for overtemp & overpower delta-T sensing circuitry. * Wisconsin Electric Power Co. 84/11/09. 2pp. 27549:277. 24X Fiche: 50-266, 84/11/09, 841190560.

8411210023 Submits addl info re 841109 Tech Spec Change Request 102 concerning overpower & overtemp delta temp compensation. BRITT, R.W. Wisconsin Electric Power Co. 84/11/15. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27591:359. 24X Fiche: 50-266, 84/11/15, 8411210023.

G. Inspection reports, IE Bulletins & correspondence

841120351 Responds to NRC 840821 ltr re violations noted in Emergency Preparedness Insp Repts 50-266/84-13 & 50-301/84-11. Extension of 30 days to submit responses to notice of violations & proposed corrective actions requested. FAY, C.W. Wisconsin Electric Power Co. 84/09/20. KEPPLER, J.G., PAPERIELLO, C.J. Region 3, Office of Director. 1p. 27426:231. 24X Fiche: 50-266, 84/09/20, 841120351.

841130387 Forwards Insp Repts 50-266/84-15 & 50-301/84-13 on 840801-0930 & notice of violation. SHAFER, W.D. Region 3, Office of Director. 84/10/16. FAY, C.W. Wisconsin Electric Power Co. 2pp. 27459:001. 24X Fiche: 50-266, 84/10/16, 841130387.

--841130392 Notice of violation from insp on 840801-0930. SHAFER, W.D. Region 3, Office of Director. 84/10/16. 1p. 27459:003. 24X Fiche: 50-266, 84/10/16, 841130387.

--841130401 Insp Repts 50-266/84-15 & 50-301/84-13 on 840801-0930. Noncompliance noted: failure to follow procedures by removing instrument power fuses for Source Range Channel 31 w/o placing level trip switch in bypass. Office of Director. 84/10/16. 8pp. 10-266, 84/10/16, 841130387.

0-266/84-17 & 50-301/84-15 on sd.

--841120204 Insp Repts 50-266/84-17 & 50-301/84-15 on 840924-28. No noncompliance or deviations noted. Major areas inspected: licensee actions on previous insp findings. HASSE, R., CHOULES, N., HAWKINS, F.C. Region 3, Office of Director. 84/10/17. 10pp. 27436:253. 24X Fiche: 50-266, 84/10/17, 841120196.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411050349 Application for amends to Licenses DPR-24 & DPR-27, revising Tech Specs to delete limiting condition for operation of auxiliary feedwater sys & clarification of inservice insp requirements for steam generators. Fee paid. FAY, C.W. Wisconsin Electric Power Co. 84/10/26. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 3pp. 27300:324. 24X Fiche: 50-266, 84/10/26, 8411050349.

--8411050360 Proposed Tech Spec rev, deleting limiting condition for operation re auxiliary feedwater sys & clarification of inservice insp requirements for steam generators. * Wisconsin Electric Power Co. 84/10/26. 8pp. 27300:327. 24X Fiche: 50-266, 84/10/26, 8411050349.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

841130342 Ack receipt of 841019 ltr informing NRC of steps taken to correct noncompliance & emergency preparedness weaknesses noted in Insp Repts 50-266/84-13 & 50-301/84-11. GREGER, L.R. Region 3, Office of Director. 84/11/07. FAY, C.W. Wisconsin Electric Power Co. 1p. 27440:132. 24X Fiche: 50-266, 84/11/07, 841130342.

--841130351 Responds to NRC 840821 ltr re App A violations & emergency preparedness weaknesses noted in Insp Repts 50-266/84-13 & 50-301/84-11. Corrective actions: procedures re emergency action level reviews w/ state & local govts will be revised. FAY, C.W. Wisconsin Electric Power Co. 84/10/19. KEPPLER, J.G., PAPERIELLO, C.J. Region 3, Office of Director. 4pp. 27440:133. 24X Fiche: 50-266, 84/11/07, 841130342.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841190498 Ack receipt of 841017 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-266/84-14 & 50-301/84-12. GREGER, L.R. Region 3, Office of Director. 84/11/13. FAY, C.W. Wisconsin Electric Power Co. 1p. 27549:025. 24X Fiche: 50-266, 84/11/13, 841190498.

--841190507 Responds to NRC 840830 ltr re violations noted in Insp Repts 50-266/84-14 & 50-301/84-12. Corrective actions: forwards GA audit of Teledyne Isotopes, Inc & Teledyne Isotopes, Inc response to audit findings, per requirement. FAY, C.W. Wisconsin Electric Power Co. 84/10/17. PAPERIELLO, C.J. Region 3, Office of Director. 7pp. 27549:026. 24X Fiche: 50-266, 84/11/13, 841190498.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BNRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

DOCKETED ITEMS

59

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000:84/11/19, 841150054.

R. Periodic operating reports & related correspondence

8411210323 Monthly operating repts for Oct 1984. W/841109 1tr.
KRAUSE, C.W., FAY, C.W. Wisconsin Electric Power Co. 84/10/31. 10pp. 27617:016. 24X Fiche: 50-266:84/10/31, 8411210323.

DOCKET 50-267 FORT ST. VRAIN NUCLEAR GENERATING STATION

F. Security, medical, emergency & fire protection plans

8411060041 Forwards NRC/DOE Form 741 for Transaction YVB-JXI-0094. Form withheld.
GAHM, J.W. Public Service Co. of Colorado. 84/10/10. JOHNSON, E.H. Region 4, Office of Director. 1p. 27351:347. 24X Fiche: 50-267:84/10/10, 8411060041.

8411050556 Forwards NRC/DOE Form 741 for Transaction YVB-JXI-0095. Form withheld.
GAHM, J.W. Public Service Co. of Colorado. 84/10/15. JOHNSON, E.H. Region 4, Office of Director. 1p. 27327:353. 24X Fiche: 50-267:84/10/15, 8411050556.

841120181 Forwards Insp Rept 50-267/84-19 on 840813-17 & notice of violation. Actions taken or planned to improve effectiveness of mgt control over emergency response facility operations requested.
JOHNSON, E.H. Region 4, Office of Director. 84/10/18. LEE, D.R. Public Service Co. of Colorado. 2pp. 27437:193. 24X Fiche: 50-267:84/10/18, 841120181.

--841120185 Notice of violation from insp on 840813-17.
* Region 4, Office of Director. 84/10/18. 1p. 27437:193. 24X Fiche: 50-267:84/10/18, 841120181.

--841120192 Insp Rept 50-267/84-19 on 840813-17. Noncompliance noted: improper distribution of radiological emergency response plan amends to NRC.
MONTGOMERY, J.L., BAIRD, J.B., IRELAND, R.E. Region 4, Office of Director. 84/10/16. 11pp. 27437:196. 24X Fiche: 50-267:84/10/16, 841120181.

841130336 Forwards modified schedule of spent fuel shipments for balance of Oct & Nov 1984, per 841017 & 19 telcons. Schedule modified due to equipment problems & inclement weather. Schedule withheld.
GAHM, J.W. Public Service Co. of Colorado. 84/10/22. COLLINS, J., HALL, R.E. Region 4, Office of Director. 1p. 27459:015. 24X Fiche: 50-267:84/10/22, 841130336.

8411070231 Requests publication of FR notice of consideration of issuance of amend to License DPR-34 & proposed NSHC determination & opportunity for hearing re fire hose station number scheme. NSHC determination available in Central Files.
JOHNSON, E.H. Region 4, Office of Director. 84/10/23. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27388:303. 24X Fiche: 50-267:84/10/23, 8411070231.

8411050276 Revs to radiological emergency response plan implementing procedures, including RERP-ECP, "Executive Command Post Procedure" & RERP-ORG, "Emergency Organization & Responsibilities." W/841024 1tr.
GAHM, J.W. Public Service Co. of Colorado. 84/10/24. JOHNSON, E.H. Region 4, Office of Director. 72pp. 27301:001. 24X Fiche: 50-267:84/10/24, 8411050276.

8411260490 Forwards Insp Rept 50-267/84-23 on 840827-31 & notice of violation. Insp rept details & notice of violation withheld (ref 10CFR73.21).
JOHNSON, E.H. Region 4, Office of Director. 84/10/24. LEE, D.R. Public Service Co. of Colorado. 2pp. 27645:159. 24X Fiche: 50-267:84/10/24, 8411260490.

--8411260496 Insp Rept 50-267/84-23 on 840827-31. Violations noted in areas of locks, keys & combinations & detection aids in protected area. Details withheld (ref 10CFR73.21).
CALDWELL, R.A., HALL, R.E., IRELAND, R.E. Region 4, Office of Director. 84/10/24. 1p. 27645:161. 24X Fiche: 50-267:84/10/24, 8411260490.

841130331 Forwards modified schedule of spent fuel shipments for balance of Oct & Nov 1984, per 841026 telcon. Schedule modified due to equipment problems & inclement weather. Schedule withheld.
GAHM, J.W. Public Service Co. of Colorado. 84/10/26. COLLINS, J., EVERETT, R.J. Region 4, Office of Director. 1p. 27459:191. 24X Fiche: 50-267:84/10/26, 841130331.

8411200061 Forwards NRC/DOE Form 741 for Transaction YVB-JXI-0096 re spent fuel shipment. Encl withheld.
GAHM, J.W. Public Service Co. of Colorado. 84/10/31. JOHNSON, E.H. Region 4, Office of Director. 1p. 27585:287. 24X Fiche: 50-267:84/10/31, 8411200061.

8411200125 Discusses 841025 telcon between E Johnson & F Novachek informing NRC of steps taken to correct violation noted in Insp Rept 50-267/84-23. NRC understanding of corrective actions listed.
MARTIN, R.D. Region 4, Office of Director. 84/11/02. LEE, D.R. Public Service Co. of Colorado. 2pp. 27585:276. 24X Fiche: 50-267:84/11/02, 8411200125.

8411260116 Forwards comments & questions re 10CFR50, App R guidance, per fire protection review. Response requested.
JOHNSON, E.H. Region 4, Office of Director. 84/11/05. LEE, D.R. Public Service Co. of Colorado. 3pp. 27645:231. 24X Fiche: 50-267:84/11/05, 8411260116.

8411260392 Forwards NRC/DOE Form 741 for Transaction YVB-JXI-0097 containing safeguards info. Encl withheld.
GAHM, J.W. Public Service Co. of Colorado. 84/11/05. JOHNSON, E.H. Region 4, Office of Director. 1p. 27611:204. 24X Fiche: 50-267:84/11/05, 8411260392.

8411290003 Forwards response to NRC 840914 request for addl info re SPDS SAR, Rev 0 to SAR, "Fort St Vrain SPDS" & revised "SPDS Program Plan."
WAREMBOURG, D.W. Public Service Co. of Colorado. 84/11/13. JOHNSON, E.H. Region 4, Office of Director. 6pp. 27719:040. 24X Fiche: 50-267:84/11/13, 8411290003.

--8411290007 Rev 0 to "Fort St Vrain SPDS SAR."
* Public Service Co. of Colorado. 84/11/13. 23pp. 27719:046. 24X Fiche: 50-267:84/11/13, 8411290003.

--8411290009 Revised "SPDS Program Plan."
* Public Service Co. of Colorado. 84/11/13. 53pp. 27719:069. 24X Fiche: 50-267:84/11/13, 8411290003.

8411280270 Forwards "Fort St Vrain Nuclear Generating Station Radiological Emergency Response Plan" & implementing procedures, including "Control Room Alert, Site Emergency, General Emergency" & "Control Room Procedure."
GAHM, J.W. Public Service Co. of Colorado. 84/11/16. JOHNSON, E. Region 4, Office of Director. 2pp. 27658:082. 24X Fiche: 50-267:84/11/16, 8411280270.

--8411280275 "Fort St Vrain Nuclear Generating Station Radiological Emergency Response Plan."
* Public Service Co. of Colorado. 84/08/21. 242pp. 27658:084. 24X Fiche: 50-267:84/11/16, 8411280270.

--8411280284 Books 1-4 of emergency implementing procedures, including "Control Room Alert, Site Emergency, General Emergency Procedure," "Control Room Procedure," "Offsite Dose Calculation Methodology" & "Executive Command Post"
* Public Service Co. of Colorado. 84/08/06. 636pp. 27658:326. 24X Fiche: 50-267:84/11/16, 8411280270.

8411290047 Responds to NRC 841018 1tr re violations noted in Insp Rept 50-267/84-19. Corrective actions: document distribution handbook will be updated & personnel retrained re distribution of radiological emergency response plan.
GAHM, J.W. Public Service Co. of Colorado. 84/11/16. JOHNSON, E. Region 4, Office of Director. 4pp. 27720:263. 24X Fiche: 50-267:84/11/16, 8411290047.

8411290048 Forwards "App R Evaluation: Fort St Vrain Nuclear Generating Station," Rept 1 shutdown model.
LEE, D.R. Public Service Co. of Colorado. 84/11/16. JOHNSON, E.H. Region 4, Office of Director. 2pp. 27702:242. 24X Fiche: 50-267:84/11/16, 8411290048.

--8411290053 "App R Evaluation: Fort St Vrain Nuclear Generating Station," Rept 1 shutdown model.
* TERA Corp. 84/11/12. 190pp. 27702:244. 24X Fiche: 50-267:84/11/16, 8411290048.

DOCKETED ITEMS

8411290607 Responds to NRC 841024 ltr re violations noted in Insp Rept 50-267/84-23. Corrective actions withheld (ref 10CFR73.21).
GAHM, J.W. Public Service Co. of Colorado. 84/11/16. JOHNSON, E.
Region 4, Office of Director. 1p. 27722:331. 24X
Fiche: 50-267, 84/11/16, 8411290607.

8411280320 Forwards "Weather Alert Radio Effectiveness in Platteville,"
resulting from survey conducted by Research Svcs, Inc for
facility following FOSAVEX 1984 emergency drill.
GAHM, J.W. Public Service Co. of Colorado. 84/11/20. JOHNSON, E.H.
Region 4, Office of Director. 2pp. 27660:355. 24X
Fiche: 50-267, 84/11/20, 8411280320.

--8411280321 "Weather Alert Radio Effectiveness in Platteville."
* Research Services, Inc. 84/11/20. 24pp. 27660:357. 24X
Fiche: 50-267, 84/11/20, 8411280320.

H. General correspondence

8411200068 Informs of change in facility mailing address. List of addl
addresses encl.
LEE, O.R. Public Service Co. of Colorado. 84/10/25. JOHNSON, E.H.
Region 4, Office of Director. 2pp. 27585:288. 24X
Fiche: 50-267, 84/10/25, 8411200068.

P. Operating license stage documents & correspondence

8411060027 Forwards application to amend License DPR-34, correcting typo
in proposed Tech Spec Surveillance SR 5.3.12, "Steam
Generator Tube Leaks Surveillance."
LEE, O.R. Public Service Co. of Colorado. 84/10/12. JOHNSON, E.H.
Region 4, Office of Director. 1p. 27353:107. 24X
Fiche: 50-267, 84/10/12, 8411060027.

--8411060032 Application for amend to License DPR-34, revising Tech Spec
Surveillance SR 5.3.12, "Steam Generator Tube Leaks
Surveillance," to provide more detailed basis & correct
typo.
LEE, O.R. Public Service Co. of Colorado. 84/10/12. 3pp.
27353:108. 24X Fiche: 50-267, 84/10/12, 8411060027.

--8411060036 Proposed Tech Spec SR 5.3.12, "Steam Generator Tube Leaks
Surveillance."
* Public Service Co. of Colorado. 84/10/12. 4pp. 27353:111.
24X Fiche: 50-267, 84/10/12, 8411060027.

841130046 Updates tendon investigations & corrosion prevention
programs. Efforts concentrated on corrosion prevention
methods rather than detailed moisture measurements.
WAREMBOURG, D.W. Public Service Co. of Colorado. 84/10/18.
JOHNSON, E.H. Region 4, Office of Director. 3pp. 27460:317. 24X
Fiche: 50-267, 84/10/18, 841130046.

8411070231 Requests publication of FR notice of consideration of
issuance of amend to License DPR-34 & proposed NSHC
determination & opportunity for hearing re fire hose station
number scheme. NSHC determination available in Central Files.
JOHNSON, E.H. Region 4, Office of Director. 84/10/23. MILLER, J.R.
Operating Reactors Branch 3. 2pp. 27388:303. 24X
Fiche: 50-267, 84/10/23, 8411070231.

8411060188 Notifies of acceptability of util 840702 proposal re noble
gas monitoring sys in accordance w/NUREG-0737, Item II.F.1.1.
Schedule for design & implementation of sys requested within
30 days of ltr receipt.
JOHNSON, E.H. Region 4, Office of Director. 84/10/24. LEE, O.R.
Public Service Co. of Colorado. 2pp. 27351:344. 24X
Fiche: 50-267, 84/10/24, 8411060188.

8411060194 Forwards request for addl info re 840510 application to
amend Tech Specs re helium circulator overspeed trip
setpoint. Response requested within 60 days of ltr receipt.
JOHNSON, E.H. Region 4, Office of Director. 84/10/25. LEE, O.R.
Public Service Co. of Colorado. 3pp. 27351:237. 24X
Fiche: 50-267, 84/10/25, 8411060194.

841130018 Requests FR publication of notice of issuance of Amend 44 to
License DPR-34, revising Tech Specs by modifying sampling &
analysis requirements for secondary coolant radioactivity.
JOHNSON, E.H. Region 4, Office of Director. 84/10/26. MILLER, J.R.
Operating Reactors Branch 3. 2pp. 27460:350. 24X
Fiche: 50-267, 84/10/26, 841130018.

8411140104 Forwards Amend 44 to License DPR-34 & safety evaluation.
Amend revises Tech Specs re sampling & analysis frequency
for determining radioactivity of secondary coolant sys.
WAGNER, P.C. Region 4, Office of Director. 84/10/26. LEE, O.R.
Public Service Co. of Colorado. 3pp. 27493:300. 24X
Fiche: 50-267, 84/10/26, 8411140104.

--8411140106 Amend 44 to License DPR-34, revising Tech Specs re sampling &
analysis of radioactivity in secondary (steam & water)
coolant sys.
JOHNSON, E.H. Region 4, Office of Director. 84/10/26. 5pp.
27493:303. 24X Fiche: 50-267, 84/10/26, 8411140104.

--8411140108 Safety evaluation supporting Amend 44 to License DPR-34.
* Region 4, Office of Director. 84/10/26. 2pp. 27493:308. 24X
Fiche: 50-267, 84/10/26, 8411140104.

8411050263 Requests proposal & rationale for PCRV tendon surveillance,
including map showing distribution of inaccessible tendons &
type of obstruction & info on current corrosion mechanism, in
support of meeting, per 840928 request.
JOHNSON, E.H. Region 4, Office of Director. 84/10/29. LEE, O.R.
Public Service Co. of Colorado. 3pp. 27297:086. 24X
Fiche: 50-267, 84/10/29, 8411050263.

8411200054 Requests advice re appropriate max permissible concentration
in air for particulate radionuclides & halogens. Discrepancy
exists between offsite dose calculation manual & limiting
conditions for operation re radioactive gaseous effluent.
GAHM, J.W. Public Service Co. of Colorado. 84/10/30. JOHNSON, E.
Region 4, Office of Director. 2pp. 27585:278. 24X
Fiche: 50-267, 84/10/30, 8411200054.

8411150253 Discusses State of CO Public Utils Commission incentive plan
for facility. Commission appears to be exercising
discretionary powers in enforcing mandate to util rate
payers by enacting negative economic incentives.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director.
84/11/01. MARTIN, R.D. Region 4, Office of Director. 2pp.
27530:306. 24X Fiche: 50-267, 84/11/01, 8411150253.

8411210207 Notifies that spent fuel shipment from facility terminated
for 1984, effective 841107. Shipping activities currently
planned to resume in Spring 1985.
GAHM, J.W. Public Service Co. of Colorado. 84/11/09. COLLINS, J.,
EVERETT, R.J. Region 4, Office of Director. 1p. 27606:069. 24X
Fiche: 50-267, 84/11/09, 8411210207.

8411260583 Requests FR publication of notice of issuance of Amend 45 to
License DPR-34, revising Tech Specs to add surveillance
requirements re investigation & evaluation of steam
generator tube leaks.
JOHNSON, E.H. Region 4, Office of Director. 84/11/09. MILLER, J.R.
Operating Reactors Branch 3. 2pp. 27644:357. 24X
Fiche: 50-267, 84/11/09, 8411260583.

8411280210 Forwards Amend 45 to License DPR-34 & safety evaluation.
Amend revises Tech Specs to incorporate new steam generator
tube surveillance & evaluation requirements.
WAGNER, P.C. Region 4, Office of Director. 84/11/09. LEE, O.R.
Public Service Co. of Colorado. 3pp. 27684:351. 24X
Fiche: 50-267, 84/11/09, 8411280210.

--8411280216 Amend 45 to License DPR-34, revising Tech Specs to
incorporate new steam generator tube surveillance &
evaluation requirements.
JOHNSON, E.H. Region 4, Office of Director. 84/11/09. 6pp.
27684:354. 24X Fiche: 50-267, 84/11/09, 8411280210.

--8411280222 Safety evaluation supporting Amend 45 to License DPR-34.
* Office of Nuclear Reactor Regulation, Director. 84/11/09. 2pp.
27684:360. 24X Fiche: 50-267, 84/11/09, 8411280210.

8411280225 Forwards summary of proposed Tech Spec upgrade program &
guidelines for utilization of STS for upgrade program, per
NRC 841016 ltr.
LEE, O.R. Public Service Co. of Colorado. 84/11/16. JOHNSON, E.
Region 4, Office of Director. 3pp. 27665:348. 24X
Fiche: 50-267, 84/11/16, 8411280225.

8411290013 Forwards responses to NRC 841015 comments re review of
util 840720 submittal of Rev 2 to updated FSAR. In future
FSAR submittals, all changes will be identified w/change
indicator.
LEE, O.R. Public Service Co. of Colorado. 84/11/16. JOHNSON, E.H.
Region 4, Office of Director. 12pp. 27718:304. 24X
Fiche: 50-267, 84/11/16, 8411290013.

8411280311 Submits addl info requested by NRC during 840823 meeting re
proposed amend to Limiting Condition for Operation 4.1.9
concerning automated orifice valve adjustments. Work
continuing on listed remaining issues.
BREY, H.L. Public Service Co. of Colorado. 84/11/20. JOHNSON, E.H.
Region 4, Office of Director. 3pp. 27662:054. 24X
Fiche: 50-267, 84/11/20, 8411280311.

DOCKETED ITEMS

61

8411290669 Confirms 841107 telcon re termination of spent fuel shipping for 1984 from facility. Shipping activities planned to resume in Spring of 1985.
GAHM, J.W. Public Service Co. of Colorado. 84/11/20. COLLINS, J. Region 4, Office of Director. 3pp. 27700:255. 24X
Fiche: 50-267, 84/11/20, 8411290669.

8411280266 Forwards response to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Proposed Tech Spec changes revising reliability requirements to be submitted per Generic Ltr 84-15.
LEE, O.R. Public Service Co. of Colorado. 84/11/21. JOHNSON, E.H. Region 4, Office of Director. 8pp. 27666:330. 24X
Fiche: 50-267, 84/11/21, 8411280266.

G. Inspection reports, IE Bulletins & correspondence

841120181 Forwards Insp Rept 50-267/84-19 on 840813-17 & notice of violation. Actions taken or planned to improve effectiveness of mgt control over emergency response facility operations requested.
JOHNSON, E.H. Region 4, Office of Director. 84/10/18. LEE, O.R. Public Service Co. of Colorado. 2pp. 27437:193. 24X
Fiche: 50-267, 84/10/18, 841120181.

--841120185 Notice of violation from insp on 840813-17.
* Region 4, Office of Director. 84/10/18. 1p. 27437:195. 24X
Fiche: 50-267, 84/10/18, 841120181.

--841120192 Insp Rept 50-267/84-19 on 840813-17. Noncompliance noted: improper distribution of radiological emergency response plan amends to NRC.
MONTGOMERY, J.L., BAIRD, J.B., IRELAND, R.E. Region 4, Office of Director. 84/10/16. 11pp. 27437:196. 24X Fiche: 50-267, 84/10/18, 841120181.

8411060197 Comments on util 840731 ltr re fuel element insp program to be incorporated into Tech Specs. Insp should be performed whether included in Tech Specs or not. NRC position on post-irradiation exam of selected fuel elements reiterated.
JOHNSON, E.H. Region 4, Office of Director. 84/10/19. LEE, O.R. Public Service Co. of Colorado. 3pp. 27351:240. 24X
Fiche: 50-267, 84/10/19, 8411060197.

8411260490 Forwards Insp Rept 50-267/84-23 on 840827-31 & notice of violation. Insp rept details & notice of violation withheld (ref 10CFR73.21).
JOHNSON, E.H. Region 4, Office of Director. 84/10/24. LEE, O.R. Public Service Co. of Colorado. 2pp. 27645:159. 24X
Fiche: 50-267, 84/10/24, 8411260490.

--8411260496 Insp Rept 50-267/84-23 on 840827-31. Violations noted in areas of locks, keys & combinations & detection aids in protected area. Details withheld (ref 10CFR73.21).
CALDWELL, R.A., HALL, R.E., IRELAND, R.E. Region 4, Office of Director. 84/10/24. 1p. 27645:161. 24X Fiche: 50-267, 84/10/24, 8411260490.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411200125 Discusses 841025 telcon between E Johnson & F Novachek informing NRC of steps taken to correct violation noted in Insp Rept 50-267/84-23. NRC understanding of corrective actions listed.
MARTIN, R.D. Region 4, Office of Director. 84/11/02. LEE, O.R. Public Service Co. of Colorado. 2pp. 27585:276. 24X
Fiche: 50-267, 84/11/02, 8411200125.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

841190579 Confirms 841109 meeting in Bethesda, MD to discuss NRC assessment rept.
MARTIN, R.D. Region 4, Office of Director. 84/11/06. WALKER, R.F. Public Service Co. of Colorado. 2pp. 27567:243. 24X
Fiche: 50-267, 84/11/06, 841190579.

8411260164 Clarifies Page 8 of 840911 insp rept re initial 10CFR50.72 notification to NRC. On-duty shift supervisor shall remain responsible for initial notification when neither superintendent of operations or alternate available.
GAHM, J.W. Public Service Co. of Colorado. 84/11/07. JOHNSON, E.H. Region 4, Office of Director. 2pp. 27645:172. 24X
Fiche: 50-267, 84/11/07, 8411260164.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841190506 Notification of significant licensee meeting on 841114 to conduct enforcement conference w/util & State of CO in Arlington, TX. Agenda encl.
* Region 4, Office of Director. 84/11/13. Region 4, Office of Director. 2pp. 27550:103. 24X Fiche: 50-267, 84/11/13, 841190506.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

8411290047 Responds to NRC 841018 ltr re violations noted in Insp Rept 50-267/84-19. Corrective actions: document distribution handbook will be updated & personnel reinstructed re distribution of radiological emergency response plan.
GAHM, J.W. Public Service Co. of Colorado. 84/11/16. JOHNSON, E. Region 4, Office of Director. 4pp. 27720:265. 24X
Fiche: 50-267, 84/11/16, 8411290047.

8411290433 Responds to NRC 841019 ltr re violations noted in Insp Rept 50-267/84-22. Corrective actions: weld data sheets revised to include testing & insp requirements & importance of proper completion of documentation will be reemphasized.
GAHM, J.W. Public Service Co. of Colorado. 84/11/16. JOHNSON, E.H. Region 4, Office of Director. 13pp. 27721:189. 24X
Fiche: 50-267, 84/11/16, 8411290433.

8411290607 Responds to NRC 841024 ltr re violations noted in Insp Rept 50-267/84-23. Corrective actions withheld (ref 10CFR73.21).
GAHM, J.W. Public Service Co. of Colorado. 84/11/16. JOHNSON, E. Region 4, Office of Director. 1p. 27722:331. 24X
Fiche: 50-267, 84/11/16, 8411290607.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

8411280040 Monthly operating rept for Oct 1984. W/841114 ltr.
NOVACHEK, F., GAHM, J.W. Public Service Co. of Colorado. 84/10/31. 10pp. 27685:233. 24X Fiche: 50-267, 84/10/31, 8411280040.

S. Reportable occurrences, LERs & related correspondence

8411070118 Requests details of 841109 transient referenced in 830830 & 840113 submittals re B-O startup test program within 60 days.
JOHNSON, E.H. Region 4, Office of Director. 84/10/22. LEE, O.R. Public Service Co. of Colorado. 2pp. 27389:196. 24X
Fiche: 50-267, 84/10/22, 8411070118.

841120169 LER 84-010-00: on 840925, during reactor shutdown for control rod drive work, portions of liquid effluent release from reactor bldg sump made w/o continuous sampler in svc. Caused by personnel error. W/841025 ltr.
EGGEBROTEN, J., HILL, J., GAHM, J.W. Public Service Co. of Colorado. 84/10/25. JOHNSON, E.H. Region 4, Office of Director. 5pp. 27437:178. 24X Fiche: 50-267, 84/10/25, 841120169.

8411200133 RO: on 840911, moisture discovered in purified helium supply line wells during installation of new moisture sensing probes. Tests indicate leak source is circulator penetration. A. Rate of leak approx .05 gpm.
GAHM, J.W. Public Service Co. of Colorado. 84/10/29. COLLINS, J.T. Region 4, Office of Director. 2pp. 27585:200. 24X
Fiche: 50-267, 84/10/29, 8411200133.

DOCKETED ITEMS

- 841160023 Forwards LERs 84-005-02 & 84-008-01.
GAHM, J.W. Public Service Co. of Colorado. 84/10/30. JOHNSON, E.H.
Region 4, Office of Director. 1p. 27544:092. 24X
Fiche: 50-267, 84/10/30, 841160023.
- 841160026 LER 84-005-02: on 840327, inservice insp of anchor end
assemblies of PCRV prestressing tendons revealed wire
failures. Caused by corrosion due to moisture. Efforts taken
to prevent, protect against & monitor corrosion.
JOSEPH, M.A., EGGERBROTEN, J. Public Service Co. of Colorado.
84/10/30. 9pp. 27544:093. 24X Fiche: 50-267, 84/10/30, 841160023.
- 841160029 LER 84-008-01: on 840623, plant protective sys initiated upon
exceeding floating high pressure trip point in PCRV. Caused
by failure of six CRDs due to moisture migrating from PCRV
to CRD motor area. CRDs refurbished & tested.
JOSEPH, M.A., EGGERBROTEN, J. Public Service Co. of Colorado.
84/10/30. 12pp. 27544:102. 24X Fiche: 50-267, 84/10/30, 841160023.
- 8411260526 Discusses effects of 841018 earthquake on facility.
Accelerometers did not begin operation & smoked glass
motion detectors had no marks which could be attributed to
earthquake.
BREV, H.L. Public Service Co. of Colorado. 84/11/07. JOHNSON, E.H.
Region 4, Office of Director. 2pp. 27644:315. 24X
Fiche: 50-267, 84/11/07, 8411260526.
- 8411290536 Provides status of control rod drive & orificing assembly
(CRDOA) refurbishing efforts. Further investigation of CRDOA
determined that cause of inability of absorber string to
fully retract was cable failure.
GAHM, J.W. Public Service Co. of Colorado. 84/11/08. JOHNSON, E.H.
Region 4, Office of Director. 4pp. 27722:081. 24X
Fiche: 50-267, 84/11/08, 8411290536.
- 8411260209 LER-84-011-00: on 841012, 5 of 12 & 1 of 12 ultrasonic
detectors for steam pipe rupture under & outside PCRV,
respectively, found to be outside Tech Spec limits. Cause
attributed to instrument drift. 84/11/09 ltr.
EGGERBROTEN, J., GAHM, J.W. Public Service Co. of Colorado. 84/11/11.
JOHNSON, E.H. Region 4, Office of Director. 8pp. 27645:284. 24X
Fiche: 50-267, 84/11/11, 8411260209.
- DOCKET 50-269 OCONEE NUCLEAR STATION, UNIT 1
- F. Security, medical, emergency & fire protection plans
- 841140612 Forwards Insp Repts 50-269/84-21, 50-270/84-20 &
50-287/84-22 on 840820-24. No violations or deviations
noted.
DANCE, H.C. Region 2, Office of Director. 84/09/18. Duke Power
Co. 2pp. 27495:120. 24X Fiche: 50-269, 84/09/18, 841140612.
- 841140613 Insp Repts 50-269/84-21, 50-270/84-20 & 50-287/84-22 on
840820-24. No violations or deviations noted. Major areas
inspected: emergency preparedness.
KREH, J.L. Region 2, Office of Director. 84/09/12. 8pp.
27495:122. 24X Fiche: 50-269, 84/09/18, 841140612.
- 841140611 Discusses submittal of annual emergency exercise objectives
& detailed scenarios. Full detailed exercise scenario w/all
controller info requested, per 45-day schedule. No change
needed in 75-day schedule.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. TUCKER, H.B.
Duke Power Co. 2pp. 27495:118. 24X Fiche: 50-000, 84/10/11,
841140611.
- 8411070028 Forwards response to 840928 request for addl info re items
identified in NRC review of util control room review
submittal.
TUCKER, H.B. Duke Power Co. 84/11/05. DENTON, H.R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors
Branch 4. 21pp. 27360:143. 24X Fiche: 50-269, 84/11/05, 8411070028.
- 8411260323 Forwards Rev 7 to response to Suppl 1 to NUREG-0737. Rev
consists of revised "Writers Guide for Emergency & Abnormal
Procedures."
TUCKER, H.B. Duke Power Co. 84/11/12. DENTON, H.R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors
Branch 4. 2pp. 27608:197. 24X Fiche: 50-269, 84/11/12, 8411260323.
- 8411260328 "Writers Guide for Emergency & Abnormal Procedures."
* Duke Power Co. 84/09/01. 88pp. 27608:199. 24X
Fiche: 50-269, 84/11/12, 8411260323.
- 8411260358 Forwards Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30
on 841022-25. No violations or deviations noted.
BRONNLEE, V.L. Region 2, Office of Director. 84/11/19. TUCKER, H.B.
Duke Power Co. 2pp. 27609:180. 24X Fiche: 50-269, 84/11/19,
8411260358.
- 8411260368 Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30 on
841022-25. No violations or deviations noted. Major areas
inspected: security plans & procedures & security program mgt
effectiveness. Details withheld (ref 10CFR2.790 & 73.21).
TOBIN, W.J. Region 2, Office of Director. 84/11/15. 1p.
27609:182. 24X Fiche: 50-269, 84/11/19, 8411260358.
- P. Operating license stage documents & correspondence
- 841160048 Draft final rept. Vol 1, "Assessment of Safety Implications
of Control at Oconee-1 Nuclear Plant."
AUSTIN, P.N., BATTLE, R.E., BOOTH, R.S. Oak Ridge National Laboratory.
FIN 8-0467. 84/09/30. Division of Engineering Technology. 424pp.
27547:001. 24X Fiche: 50-269, 84/09/30, 841160048.
- 8411010121 Forwards response to 841019 request for average & max pin
enrichment values for Gadolinia lead test assemblies.
Application for amend to License DPR-38, revising Tech Spec
Section 5.3.1.4 will be submitted.
TUCKER, H.B. Duke Power Co. 84/10/26. DENTON, H.R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors
Branch 4. 2pp. 27232:138. 24X Fiche: 50-269, 84/10/26, 8411010121.
- 8411050308 Forwards final resolution of SER & technical evaluation rept
items re environ qualification of safety-related electrical
equipment. Response to IE Bulletin 71-018 will be done on
unit by unit basis as environ qualification mods completed.
TUCKER, H.B. Duke Power Co. 84/10/26. DENTON, H.R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors
Branch 4. 21pp. 27298:228. 24X Fiche: 50-269, 84/10/26, 8411050308.
- 841130465 Notification of 841107 meeting w/util in Bethesda, MD to
discuss cost/benefit evaluation of reactor vessel coolant
inventory tracking sys.
NICOLARAS, H. Operating Reactors Branch 4. 84/10/31. STOLZ, J.F.
Operating Reactors Branch 4. 2pp. 27472:018. 24X
Fiche: 50-269, 84/10/31, 841130465.
- 8411080364 Submits supplemental info in response to 840911 ltr re Tech
Spec amend request to support facility operation at full-
rated power during Cycle 9. Rev makes Tech Specs consistent
w/transition cores containing Mark B & BZ fuel assemblies.
TUCKER, H.B. Duke Power Co. 84/11/01. DENTON, H.R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors
Branch 4. 3pp. 27390:043. 24X Fiche: 50-269, 84/11/01, 8411080364.
- 841140302 Requests NRC issue final NSHC to support Cycle 9 reload
scheduled for 841121. Failure to act quickly may result in
derating or shutdown of facility.
TUCKER, H.B. Duke Power Co. 84/11/06. DENTON, H.R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors
Branch 4. 2pp. 27468:165. 24X Fiche: 50-269, 84/11/06, 841140302.
- 841160541 Notification of 841113 & 14 meetings w/util in Bethesda, MD
to discuss inservice testing program for pumps & valves.
NICOLARAS, H. Operating Reactors Branch 4. 84/11/07. STOLZ, J.F.
Operating Reactors Branch 4. 2pp. 27543:353. 24X
Fiche: 50-269, 84/11/07, 841160541.
- 8411200115 Forwards list of questions to serve as agenda for 841113-14
meetings to discuss preliminary review of inservice testing
program.
STOLZ, J.F. Operating Reactors Branch 4. 84/11/07. TUCKER, H.B.
Duke Power Co. 9pp. 27598:018. 24X Fiche: 50-269, 84/11/07,
8411200115.
- 841150079 Application for amend to Licenses DPR-38, DPR-47 & DPR-55,
revising Tech Spec to extend insp interval to 12 months for
inaccessible hydraulic snubbers. Amend would require next
visual insp to be performed prior to 850315. Fee paid.
TUCKER, H.B. Duke Power Co. 84/11/09. DENTON, H.R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors
Branch 4. 3pp. 27499:339. 24X Fiche: 50-269, 84/11/09, 841150079.
- 841150088 Proposed Tech Specs re one-time extension for inaccessible
hydraulic snubbers insp. Insp will be performed during 1985
refueling outage, provided that such outage begins prior to
850315.
* Duke Power Co. 84/11/09. 9pp. 27499:342. 24X
Fiche: 50-269, 84/11/09, 841150079.
- 8411260263 Lists reasons for decision to begin refueling outage on
841005 instead of 841012 as previously noted in util 840911
ltr. Earlier outage date will assure max electrical output
during colder winter months.
TUCKER, H.B. Duke Power Co. 84/11/16. DENTON, H.R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors
Branch 4. 2pp. 27613:139. 24X Fiche: 50-269, 84/11/16, 8411260263.

G. Inspection reports, IE Bulletins & correspondence

8411010249 Informs of plans to conduct special insp of training programs on 841001-12. Insp objective is to assess effectiveness of programs for supporting licensed activities.

LEMIS, R. C. Region 2, Office of Director. 84/09/17. TUCKER, H. B. Duke Power Co. 3pp. 27249:326. 24X Fiche: 50-000, 84/09/17, 8411010249.

8411140612 Forwards Insp Repts 50-269/84-21, 50-270/84-20 & 50-287/84-22 on 840820-24. No violations or deviations noted.

DANCE, H. C. Region 2, Office of Director. 84/09/18. Duke Power Co. 2pp. 27495:120. 24X Fiche: 50-269, 84/09/18, 8411140612.

--8411140613 Insp Repts 50-269/84-21, 50-270/84-20 & 50-287/84-22 on 840820-24. No violations or deviations noted. Major areas inspected: emergency preparedness.

KREH, J. L., CLINE, W. E. Region 2, Office of Director. 84/09/12. 8pp. 27495:122. 24X Fiche: 50-269, 84/09/18, 8411140612.

8411130499 Forwards Insp Repts 50-269/84-23, 50-270/84-22 & 50-287/84-24 on 840811-0910. No violations or deviations noted.

DANCE, H. C. Division of Project & Resident Programs. 84/10/02. TUCKER, H. B. Duke Power Co. 2pp. 27462:053. 24X Fiche: 50-269, 84/10/02, 8411130499.

--8411130503 Insp Repts 50-269/84-23, 50-270/84-22 & 50-287/84-24 on 840811-0910. No violations or deviations noted. Major areas

inspected: operations, maint, surveillance, ESFs, fuel handling & open items. BRYANT, J., SASSER, K., BROWNLEE, V. Region 2, Office of Director. 84/10/02. 7pp. 27462:055. 24X Fiche: 50-269, 84/10/02, 8411130499.

8411060245 Forwards notice of environ assessment & finding of no significant impact for transmittal to DFC of FR.

* Operating Reactors Branch 4. 84/10/19. Docketing & Services Branch. 1p. 27329:333. 24X Fiche: 50-269, 84/10/19, 8411060245.

--8411060262 Forwards notice of environ assessment & finding of no significant impact re 841202 application for exemption from certain requirements of 10CFR50.55a to allow common start date for inservice insp.

NICOLARAS, H. Operating Reactors Branch 4. 84/10/17. TUCKER, H. B. Duke Power Co. 2pp. 27329:334. 24X Fiche: 50-269, 84/10/19, 8411060245.

--8411060277 Notice of environ assessment & finding of no significant impact re 831202 application for exemption from certain requirements of 10CFR50.55a to allow common start date for inservice insp.

LAINAS, G. C. Division of Licensing. 84/10/17. 3pp. 27329:336. 24X Fiche: 50-269, 84/10/19, 8411060245.

8411130523 Forwards Exam Rept 50-269/DL-84-01 for requalification exams administered on 840803, 14 & 16. Requalification program held satisfactory in view of 91% pass rate. Answer key & exam questions encl. w/o rept.

BROWNLEE, V. L. Region 2, Office of Director. 84/10/22. TUCKER, H. B. Duke Power Co. 112pp. 27463:001. 24X Fiche: 50-269, 84/10/22, 8411130523.

8411080043 Submits addl info requested in 841012 telcon re procedures, training & instrumentation to detect & mitigate events described in IE Bulletin 84-03 re failure of refueling water cavity seal. Procedures adequate.

TUCKER, H. B. Duke Power Co. 84/10/23. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27391:328. 24X Fiche: 50-269, 84/10/23, 8411080043.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.

GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.

JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.

JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411280552 Forwards exemption from certain requirements of 10CFR50.55a(g)(4) allowing common start date for inservice insp & testing & for common start date other than 120 months from commercial operation of any one unit.

NICOLARAS, H. Operating Reactors Branch 4. 84/11/07. TUCKER, H. B. Duke Power Co. 3pp. 27682:090. 24X Fiche: 50-269, 84/11/07, 8411280552.

--8411280557 Exemption from certain requirements of 10CFR50.55a(g)(4) allowing common start date for inservice insp & testing & for common start date other than 120 months from commercial operation of any one unit.

EISENHUT, D. G. Operating Reactors Branch 4. 84/11/07. Duke Power Co. 4pp. 27682:093. 24X Fiche: 50-269, 84/11/07, 8411280552.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.

JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150079 Application for amend to Licenses DPR-38, DPR-47 & DPR-55, revising Tech Spec to extend insp interval to 12 months for inaccessible hydraulic snubbers. Amend would require next visual insp to be performed prior to 850315. Fee paid.

TUCKER, H. B. Duke Power Co. 84/11/09. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 3pp. 27499:339. 24X Fiche: 50-269, 84/11/09, 8411150079.

--8411150088 Proposed Tech Specs re one-time extension for inaccessible hydraulic snubbers insp. Insp will be performed during 1985 refueling outage, provided that such outage begins prior to 850315.

* Duke Power Co. 84/11/09. 9pp. 27499:342. 24X Fiche: 50-269, 84/11/09, 8411150079.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.

JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.

JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411270421 Suppl 840913 request for relief from inservice insp requirements of Section XI of 1980 ASME Boiler & Pressure Vessel Code. Alternate methods of NDE for welds will be performed if hydrostatic testing impractical.

TUCKER, H. B. Duke Power Co. 84/11/16. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. STOLZ, J. F. Operating Reactors Branch 4. 2pp. 27628:201. 24X Fiche: 50-269, 84/11/16, 8411270421.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.

JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411260242 Requests that quality of Bahnsen HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnsen equipment.

GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T. E. Region 1, Office of Director. KEPPLER, J. G. Region 3, Office of Director. MARTIN, R. D. Region 4, Office of Director. 3pp. 27619:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

8411260358 Forwards Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30 on 841022-23. No violations or deviations noted.

BROWNLEE, V. L. Region 2, Office of Director. 84/11/19. TUCKER, H. B. Duke Power Co. 2pp. 27609:180. 24X Fiche: 50-269, 84/11/19, 8411260358.

--8411260368 Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30 on 841022-23. No violations or deviations noted. Major areas

inspected: security plans & procedures & security program mgt effectiveness. Details withheld (ref 10CFR2.790 & 73.21).

TOBIN, W. J., MCGUIRE, D. R. Region 2, Office of Director. 84/11/15. 1p. 27609:182. 24X Fiche: 50-269, 84/11/19, 8411260358.

R. Periodic operating reports & related correspondence

8411260019 Monthly operating repts for Oct 1984. W/841115 ltr. REAVIS, J. A., TUCKER, H. B. Duke Power Co. 84/10/31. 17pp. 27645:189. 24X Fiche: 50-269, 84/10/31, 8411260019.

DOCKETED ITEMS

S. Reportable occurrences, LERs & related correspondence

8411210062 Special rept: on 840927, discovered that contaminated oil shipped to Lee Steam Station for disposal by incineration. Caused by misinterpretation of regulations. Shipments of contaminated oil halted.
TUCKER, H. B. Duke Power Co. 84/10/24. O'REILLY, J. P. Region 2, Office of Director. 7pp. 27606:265. 24X Fiche: 50-269, 84/10/24, 8411210062.

8411160345 LER 84-004-00: on 841006, RCS cooldown rate exceeded as temp decreased 57 F in 1/2 h. Caused by personnel error. Personnel counseled re correct interpretation of appropriate Tech Spec. W/841102 ltr.
HAYNES, R. F., TUCKER, H. B. Duke Power Co. 84/11/02. 4pp. 27545:345. 24X Fiche: 50-269, 84/11/02, 8411160345.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

V. Operator Examinations

8411130523 Forwards Exam Rept 50-269/OL-84-01 for requalification exams administered on 840803, 14 & 16. Requalification program held satisfactory in view of 91% pass rate. Answer key & exam questions encl. W/o rept.
BROWNLEE, V. L. Region 2, Office of Director. 84/10/22. TUCKER, H. B. Duke Power Co. 112pp. 27463:001. 24X Fiche: 50-269, 84/10/22, 8411130523.

DOCKET 50-270 OCONEE NUCLEAR STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411140612 Forwards Insp Repts 50-269/84-21, 50-270/84-20 & 50-287/84-22 on 840820-24. No violations or deviations noted.
DANCE, H. C. Region 2, Office of Director. 84/09/18. Duke Power Co. 2pp. 27495:120. 24X Fiche: 50-269, 84/09/18, 8411140612.

--8411140613 Insp Repts 50-269/84-21, 50-270/84-20 & 50-287/84-22 on 840820-24. No violations or deviations noted. Major areas inspected: emergency preparedness.
KREH, J. L. Region 2, Office of Director. 84/09/12. 8pp. 27495:122. 24X Fiche: 50-269, 84/09/18, 8411140612.

8411140611 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. TUCKER, H. B. Duke Power Co. 2pp. 27495:118. 24X Fiche: 50-000, 84/10/11, 8411140611.

8411070028 Forwards response to 840928 request for addl info re items identified in NRC review of util control room review submittal.
TUCKER, H. B. Duke Power Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. STOLZ, J. F. Operating Reactors Branch 4. 21pp. 27360:143. 24X Fiche: 50-269, 84/11/05, 8411070028.

8411260323 Forwards Rev 7 to response to Suppl 1 to NUREG-0737. Rev consists of revised "Writers Guide for Emergency & Abnormal Procedures."
TUCKER, H. B. Duke Power Co. 84/11/12. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. STOLZ, J. F. Operating Reactors Branch 4. 2pp. 27608:197. 24X Fiche: 50-269, 84/11/12, 8411260323.

--8411260328 "Writers Guide for Emergency & Abnormal Procedures."
* Duke Power Co. 84/09/01. 88pp. 27608:199. 24X Fiche: 50-269, 84/11/12, 8411260323.

8411260358 Forwards Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30 on 841022-25. No violations or deviations noted.
BROWNLEE, V. L. Region 2, Office of Director. 84/11/19. TUCKER, H. B. Duke Power Co. 2pp. 27609:180. 24X Fiche: 50-269, 84/11/19, 8411260358.

--8411260368 Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30 on 841022-25. No violations or deviations noted. Major areas inspected: security plans & procedures & security program mgt effectiveness. Details withheld (ref 10CFR2.790 & 73.21).
TOBIN, W. J. Region 2, Office of Director. 84/11/15. 1p. 27609:182. 24X Fiche: 50-269, 84/11/19, 8411260358.

P. Operating license stage documents & correspondence

8411050308 Forwards final resolution of SER & technical evaluation rept items re environ qualification of safety-related electrical equipment. Response to IE Bulletin 71-01B will be done on unit by unit basis as environ qualification mods completed.
TUCKER, H. B. Duke Power Co. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. STOLZ, J. F. Operating Reactors Branch 4. 21pp. 27298:228. 24X Fiche: 50-269, 84/10/26, 8411050308.

8411130465 Notification of 841107 meeting w/util in Bethesda, MD to discuss cost/benefit evaluation of reactor vessel coolant inventory tracking sys.
NICOLARAS, H. Operating Reactors Branch 4. 84/10/31. STOLZ, J. F. Operating Reactors Branch 4. 2pp. 27472:018. 24X Fiche: 50-269, 84/10/31, 8411130465.

8411160541 Notification of 841113 & 14 meetings w/util in Bethesda, MD to discuss inservice testing program for pumps & valves.
NICOLARAS, H. Operating Reactors Branch 4. 84/11/07. STOLZ, J. F. Operating Reactors Branch 4. 2pp. 27543:353. 24X Fiche: 50-269, 84/11/07, 8411160541.

8411200115 Forwards list of questions to serve as agenda for 841113-14 meetings to discuss preliminary review of inservice testing program.
STOLZ, J. F. Operating Reactors Branch 4. 84/11/07. TUCKER, H. B. Duke Power Co. 9pp. 27598:018. 24X Fiche: 50-269, 84/11/07, 8411200115.

8411150079 Application for amend to Licenses DPR-38, DPR-47 & DPR-55, revising Tech Spec to extend insp interval to 12 months for inaccessible hydraulic snubbers. Amend would require next visual insp to be performed prior to 850315. Fee paid.
TUCKER, H. B. Duke Power Co. 84/11/09. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. STOLZ, J. F. Operating Reactors Branch 4. 3pp. 27499:339. 24X Fiche: 50-269, 84/11/09, 8411150079.

--8411150088 Proposed Tech Specs re one-time extension for inaccessible hydraulic snubbers insp. Insp will be performed during 1985 refueling outage, provided that such outage begins prior to 850315.
* Duke Power Co. 84/11/09. 9pp. 27499:342. 24X Fiche: 50-269, 84/11/09, 8411150079.

G. Inspection reports, IE Bulletins & correspondence

8411010249 Informs of plans to conduct special insp of training programs on 841001-12. Insp objective is to assess effectiveness of programs for supporting licensed activities.
LEWIS, R. C. Region 2, Office of Director. 84/09/17. TUCKER, H. B. Duke Power Co. 3pp. 27249:326. 24X Fiche: 50-000, 84/09/17, 8411010249.

8411140612 Forwards Insp Repts 50-269/84-21, 50-270/84-20 & 50-287/84-22 on 840820-24. No violations or deviations noted.
DANCE, H. C. Region 2, Office of Director. 84/09/18. Duke Power Co. 2pp. 27495:120. 24X Fiche: 50-269, 84/09/18, 8411140612.

--8411140613 Insp Repts 50-269/84-21, 50-270/84-20 & 50-287/84-22 on 840820-24. No violations or deviations noted. Major areas inspected: emergency preparedness.
KREH, J. L., CLINE, W. E. Region 2, Office of Director. 84/09/12. 8pp. 27495:122. 24X Fiche: 50-269, 84/09/18, 8411140612.

8411130499 Forwards Insp Repts 50-269/84-23, 50-270/84-22 & 50-287/84-24 on 840811-0910. No violations or deviations noted.
DANCE, H. C. Division of Project & Resident Programs. 84/10/02. TUCKER, H. B. Duke Power Co. 2pp. 27462:053. 24X Fiche: 50-269, 84/10/02, 8411130499.

--8411130503 Insp Repts 50-269/84-23, 50-270/84-22 & 50-287/84-24 on 840811-0910. No violations or deviations noted. Major areas inspected: operations, maint, surveillance, ESFs, fuel handling & open items.
BRYANT, J., SASSER, K., BROWNLEE, V. Region 2, Office of Director. 84/10/02. 7pp. 27462:055. 24X Fiche: 50-269, 84/10/02, 8411130499.

8411060245 Forwards notice of environ assessment & finding of no significant impact for transmittal to Ofc of FR.
* Operating Reactors Branch 4. 84/10/19. Docketing & Services Branch. 1p. 27329:333. 24X Fiche: 50-269, 84/10/19, 8411060245.

--8411060262 Forwards notice of environ assessment & finding of no significant impact re 841202 application for exemption from certain requirements of 10CFR50.55a to allow common start date for inservice insp.
NICOLARAS, H. Operating Reactors Branch 4. 84/10/17. TUCKER, H. B. Duke Power Co. 2pp. 27329:334. 24X Fiche: 50-269, 84/10/19, 8411060245.

--B411060277 Notice of environ assessment & finding of no significant impact re 831202 application for exemption from certain requirements of 10CFR50.55a to allow common start date for inservice insp.
LAINAS, G.C. Division of Licensing. 84/10/17. 3pp. 27329:336. 24X Fiche: 50-269, 84/10/19, 8411060245.

B411080043 Submits addl info requested in 841012 telcon re procedures, training & instrumentation to detect & mitigate events described in IE Bulletin 84-03 re failure of refueling water cavity seal. Procedures adequate.
TUCKER, H.B. Duke Power Co. 84/10/23. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27391:328. 24X Fiche: 50-269, 84/10/23, 8411080043.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

B411280552 Forwards exemption from certain requirements of 10CFR50.55a(g)(4) allowing common start date for inservice insp & testing & for common start date other than 120 months from commercial operation of any one unit.
NICOLARAS, H. Operating Reactors Branch 4. 84/11/07. TUCKER, H.B. Duke Power Co. 3pp. 27682:090. 24X Fiche: 50-269, 84/11/07, 8411280552.

--B411280557 Exemption from certain requirements of 10CFR50.55a(g)(4) allowing common start date for inservice insp & testing & for common start date other than 120 months from commercial operation of any one unit.
EISENHUT, D.G. Operating Reactors Branch 4. 84/11/07. Duke Power Co. 4pp. 27682:093. 24X Fiche: 50-269, 84/11/07, 8411280552.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

B41150077 Application for amend to Licenses DPR-38, DPR-47 & DPR-55, revising Tech Spec to extend insp interval to 12 months for inaccessible hydraulic snubbers. Amend would require next visual insp to be performed prior to 850315. Fee paid.
TUCKER, H.B. Duke Power Co. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27499:339. 24X Fiche: 50-269, 84/11/09, 841150077.

--B41150088 Proposed Tech Specs re one-time extension for inaccessible hydraulic snubbers insp. Insp will be performed during 1985 refueling outage, provided that such outage begins prior to 850315.
* Duke Power Co. 84/11/09. 9pp. 27499:342. 24X Fiche: 50-269, 84/11/09, 841150077.

B41150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

B41150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

B411270421 Suppls 840913 request for relief from inservice insp requirements of Section XI of 1980 ASME Boiler & Pressure Vessel Code. Alternate methods of NDE for welds will be performed if hydrostatic testing impractical.
TUCKER, H.B. Duke Power Co. 84/11/16. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27628:201. 24X Fiche: 50-269, 84/11/16, 8411270421.

B41150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

B411260242 Requests that quality of Bahnson HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnson equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. KEPLER, J.G. Region 3, Office of Director. MARTIN, R.D. Region 4, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

B411260358 Forwards Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30 on 841022-25. No violations or deviations noted.
BROWNLEE, V.L. Region 2, Office of Director. 84/11/19. TUCKER, H.B. Duke Power Co. 2pp. 27609:180. 24X Fiche: 50-269, 84/11/19, 8411260358.

--B411260368 Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30 on 841022-25. No violations or deviations noted. Major areas inspected: security plans & procedures & security program mgt effectiveness. Details withheld (ref 10CFR2.790 & 73.21).
TODIN, W.J., MCGUIRE, D.R. Region 2, Office of Director. 84/11/15. 1p. 27609:182. 24X Fiche: 50-269, 84/11/19, 8411260358.

R. Periodic operating reports & related correspondence

B411260019 Monthly operating repts for Oct 1984. W/841115 ltr.
REAVIS, J.A., TUCKER, H.B. Duke Power Co. 84/10/31. 17pp. 27645:189. 24X Fiche: 50-269, 84/10/31, 8411260019.

S. Reportable occurrences, LERs & related correspondence

B411210062 Special rept: on 840927, discovered that contaminated oil shipped to Lee Steam Station for disposal by incineration. Caused by misinterpretation of regulations. Shipments of contaminated oil halted.
TUCKER, H.B. Duke Power Co. 84/10/24. O'REILLY, J.P. Region 2, Office of Director. 7pp. 27606:265. 24X Fiche: 50-269, 84/10/24, 8411210062.

B411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

DOCKET 50-271 VERMONT YANKEE NUCLEAR POWER STATION

F. Security, medical, emergency & fire protection plans

B411010287 Forwards comments on program plan for conducting detailed control room design review per Suppl 1 to NUREG-0737. Proposed agenda will be provided 2 wks prior to 850312 in-progress audit.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/11. CAPSTICK, R.W. Vermont Yankee Nuclear Power Corp. 9pp. 27264:287. 24X Fiche: 50-271, 84/10/11, 8411010287.

--B411010296 "Evaluation of Detailed Control Room Design Review Program Plan Vermont Yankee Nuclear Power Plant."
* Science Applications, Inc. NRC-03-82-095. 84/08/09. NRC - No Detailed Affiliation Given. 11pp. 27264:296. 24X Fiche: 50-271, 84/10/11, 8411010287.

B41130585 Forwards Safeguards Insp Rept 50-271/84-19 on 840806-09. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/16. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 2pp. 27461:295. 24X Fiche: 50-271, 84/10/16, 841130585.

--B41130587 Safeguards Insp Rept 50-271/84-19 on 840806-10. No noncompliance noted. Major areas inspected: security plan & implementing procedures, security program audit & security organization. Safeguards info deleted.
MADDEN, W.J., KEIMIG, R.R. Region 1, Office of Director. 84/10/10. 5pp. 27461:297. 24X Fiche: 50-271, 84/10/16, 841130585.

B411020130 Forwards Insp Rept 50-271/84-18 on 840731-0918 & notice of violation. Response to violation should address assessment of operational events, resulting in errors in tagging procedures.
WENZINGER, E.C. Division of Project & Resident Programs. 84/10/24. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 2pp. 27259:214. 24X Fiche: 50-271, 84/10/24, 8411020130.

DOCKETED ITEMS

--B411020146 IE Insp Rept 50-271/84-18 on 840731-0918. Noncompliance noted: failure to maintain core spray & RHR svc water sys valve lineups in accordance w/established procedures.
RAYMOND, W. J., MEYER, G. W., PINDALE, S. M. Region 1, Office of Director. 84/10/12. 24pp. 27259:217. 24X Fiche: 50-271, 84/10/24, 8411020130.

B411060111 Provides results of review & evaluation of Rev 3 to Reg Guide 1.97, "Instrumentation for Light Water Cooled Nuclear Power Plants to Assess Plant & Environ Conditions During & Following Accident." Qualification summary encl.
MURPHY, W. P. Vermont Yankee Nuclear Power Corp. 84/10/30.
VASSALLO, D. B. Operating Reactors Branch 2. 38pp. 27321:324. 24X Fiche: 50-271, 84/10/30, 8411060111.

B411200021 Forwards notice of environ assessment & finding of no significant impact re 840806 request for exemption from 10CFR50, App E, Section IV.F re requirements for conducting emergency plan exercise during Nov 1984.
RODNEY, V. L. Operating Reactors Branch 2. 84/10/31. CAPSTICK, R. W. Vermont Yankee Nuclear Power Corp. 2pp. 27588:349. 24X Fiche: 50-271, 84/10/31, 8411200021.

--B411200026 Notice of environ assessment & finding of no significant impact re 840806 request for exemption from 10CFR50, App E, Section IV.F re requirements for conducting emergency plan exercise during Nov 1984.
LAINAS, G. C. Assistant Director for Operating Reactors. 84/10/31. 3pp. 27588:351. 24X Fiche: 50-271, 84/10/31, 8411200021.

B411060470 Ack receipt of 840924 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-271/84-02 & 50-271/84-06. Notices of deviation & violation withdrawn following satisfactory responses.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/11/01.
MURPHY, W. P. Vermont Yankee Nuclear Power Corp. 2pp. 27315:234. 24X Fiche: 50-271, 84/11/01, 8411060470.

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteck at Region 1.
MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. KOBER, R. W. Rochester Gas & Electric Corp. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

B411190425 Revs to emergency plan implementing procedures, consisting of AP 3125, "Emergency Plan Classification & Action Level Scheme," OP 3501, "Alert" & OP 3502, "Site Area Emergency."
MARKT, D. I. Vermont Yankee Nuclear Power Corp. 84/11/05. 266pp. 27550:168. 24X Fiche: 50-271, 84/11/05, 8411190425.

B411160309 Forwards process for translating generic technical guidelines into plant specifics, in response to NRC 840904 ltr. Info will be incorporated in rev to procedures generation package to be issued in Jan 1985.
MURPHY, W. P. Vermont Yankee Nuclear Power Corp. 84/11/09.
VASSALLO, D. B. Operating Reactors Branch 2. 4pp. 27536:203. 24X Fiche: 50-271, 84/11/09, 8411160309.

B411280148 Forwards exemption from 10CFR50, App E, Section IV.F.2, allowing 840615 emergency event to fulfill requirements for annual emergency preparedness exercise. Nov 1984 exercise will not be conducted.
* Operating Reactors Branch 2. 84/11/09. CAPSTICK, R. W. Vermont Yankee Nuclear Power Corp. 2pp. 27683:335. 24X Fiche: 50-271, 84/11/09, 8411280148.

--B411280157 Exemption from 10CFR50, App E, Section IV.F.2 re conduct of annual emergency exercise during Nov 1984. Event on 840615 & emergency response fulfilled requirements for annual exercise.
MIRAGLIA, F. J. Division of Licensing. 84/11/09. Vermont Yankee Nuclear Power Corp. 4pp. 27683:337. 24X Fiche: 50-271, 84/11/09, 8411280148.

B411190475 Change 9 to emergency plan.
MARK, D. I. Yankee Atomic Electric Co. 84/11/14. 9pp. 27550:129. 24X Fiche: 50-271, 84/11/14, 8411190475.

I. Financial information

B411260593 Advises of completion of review of financial info submitted in 841108 ltr. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. FIRESTONE, L. Ohio Edison Co. 1p. 27645:347. 24X Fiche: 50-000, 84/11/16, 8411260593.

B411260606 Advises of completion of review of financial info submitted for 1984. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. MAUGANS, E. H. Cleveland Electric Illuminating Co. 1p. 27645:344. 24X Fiche: 50-000, 84/11/16, 8411260606.

P. Operating license stage documents & correspondence

B411010091 Forwards SER re NUREG-0737, Item II.D.1 concerning testing of relief & safety valves in primary coolant sys. Addl info submitted on 831017 demonstrates valves can function during design basis transients & accidents. Item complete.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/10. CAPSTICK, R. W. Vermont Yankee Nuclear Power Corp. 17pp. 27271:332. 24X Fiche: 50-271, 84/10/10, 8411010091.

B411010350 Requests submittal of fee for 840223 application for Amend 82 to License DPR-28 re removal of automatic air dump sys requirement. Fee assessment info & rev to 10CFR170.22 encl. w/o encl.
DIOGS, R. M. License Fee Management Branch. 84/10/23. SINCLAIR, J. B. Vermont Yankee Nuclear Power Corp. 1p. 27251:334. 24X Fiche: 50-271, 84/10/23, 8411010350.

B410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, 8410290050.

B411020052 Forwards response to Generic Ltr 84-15, "Diesel Generator Reliability." Existing diesel generator surveillance program minimizes number of fast cold starts.
MURPHY, W. P. Vermont Yankee Nuclear Power Corp. 84/10/29.
EISENHUT, D. G. Division of Licensing. 11pp. 27257:261. 24X Fiche: 50-271, 84/10/29, 8411020052.

B411090353 Forwards results of detailed engineering evaluation of potential oxygen addition to primary containment conducted to satisfy criteria of Generic Ltr 84-09. Hydrogen recombiner capability not necessary.
MURPHY, W. P. Vermont Yankee Nuclear Power Corp. 84/10/31.
VASSALLO, D. B. Operating Reactors Branch 2. 4pp. 27398:333. 24X Fiche: 50-271, 84/10/31, 8411090353.

B411150018 Application for amend to License DPR-28, revising Tech Specs to update primary containment bases to incorporate results of plant-unique analysis rept for Mark I containment long-term program. Fee paid.
MURPHY, W. P. Vermont Yankee Nuclear Power Corp. 84/11/02.
DENTON, H. K. Office of Nuclear Reactor Regulation, Director. 4pp. 27504:252. 24X Fiche: 50-271, 84/11/02, 8411150018.

--B411150024 Proposed Tech Specs, updating primary containment bases to incorporate results of plant-unique analysis rept for Mark I containment long-term program.
* Vermont Yankee Nuclear Power Corp. 84/11/02. 3pp. 27504:256. 24X Fiche: 50-271, 84/11/02, 8411150018.

B411150037 Application for Proposed Change 122 to License DPR-28, incorporating required setpoints & tolerances, limiting conditions for operation & surveillance requirements for degraded grid protection sys. Fee paid.
MURPHY, W. P. Vermont Yankee Nuclear Power Corp. 84/11/02.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 4pp. 27502:353. 24X Fiche: 50-271, 84/11/02, 8411150037.

--B411150042 Proposed Tech Specs, incorporating required setpoints & tolerances, limiting conditions for operation & surveillance requirements for degraded grid protection sys.
* Vermont Yankee Nuclear Power Corp. 84/11/02. 6pp. 27502:357. 24X Fiche: 50-271, 84/11/02, 8411150037.

B411130390 Forwards revised Tech Spec Page 125 inadvertently omitted from 841022 request for amend to License DPR-28 re safety-related shock suppressors.
CAPSTICK, R. W. Vermont Yankee Nuclear Power Corp. 84/11/06.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27439:028. 24X Fiche: 50-271, 84/11/06, 8411130390.

--B411130396 Proposed Tech Spec Page 125 re safety-related shock suppressors.
* Vermont Yankee Nuclear Power Corp. 84/11/06. 1p. 27439:029. 24X Fiche: 50-271, 84/11/06, 8411130390.

DOCKETED ITEMS

67

8411260179 Forwards "Startup Test Rept Vermont Yankee Cycle 11," per Tech Spec Section 6.7.A.1 requirements.
MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 84/11/06.
MURLEY, T.E. Region 1, Office of Director. 1p. 27645:174. 24X
Fiche: 50-271, 84/11/06, 8411260179.

--8411260185 "Startup Test Rept, Vermont Yankee Cycle 11."
* Vermont Yankee Nuclear Power Corp. 84/11/06. 14pp. 27645:175.
24X Fiche: 50-271, 84/11/06, 8411260179.

8411290212 Advises that 840924 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/13. CAPSTICK, R.W. Vermont Yankee Nuclear Power Corp. 2pp. 27700:119. 24X
Fiche: 50-271, 84/11/13, 8411290212.

G. Inspection reports, IE Bulletins & correspondence

841130585 Forwards Safeguards Insp Rept 50-271/84-19 on 840806-09. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/16.
MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 2pp. 27461:295.
24X Fiche: 50-271, 84/10/16, 841130585.

--841130587 Safeguards Insp Rept 50-271/84-19 on 840806-10. No noncompliance noted. Major areas inspected: security plan & implementing procedures, security program audit & security organization. Safeguards info deleted.
MADDEN, W.J., KEIMIG, R.R. Region 1, Office of Director. 84/10/10.
5pp. 27461:297. 24X Fiche: 50-271, 84/10/16, 841130585.

8411020130 Forwards Insp Rept 50-271/84-18 on 840731-0918 & notice of violation. Response to violation should address assessment of operational events, resulting in errors in tagging procedures.
WENZINGER, E.C. Division of Project & Resident Programs. 84/10/24.
MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 2pp. 27259:214.
24X Fiche: 50-271, 84/10/24, 8411020130.

--8411020135 Notice of violation from insp on 840731-0918.
* Region 1, Office of Director. 84/10/24. 1p. 27259:216. 24X
Fiche: 50-271, 84/10/24, 8411020130.

--8411020146 IE Insp Rept 50-271/84-18 on 840731-0918. Noncompliance noted: failure to maintain core spray & RHR svc water sys valve lineups in accordance w/established procedures.
RAYMOND, W.J., MEYER, G.W., PINDALE, S.M. Region 1, Office of Director. 84/10/12. 24pp. 27259:217. 24X Fiche: 50-271, 84/10/24, 8411020130.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010392 Inservice insp rept on 840616-0806, describing exams performed of first outage of first period of second 10-yr interval. W/841029 ltr.
GINDIR, D.C., PAGODIN, R.D., MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 84/10/29. 25pp. 27230:001. 24X Fiche: 50-271, 84/10/29, 8411010392.

8411060470 Ack receipt of 840924 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-271/84-02 & 50-271/84-06. Notices of deviation & violation withdrawn following satisfactory responses.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/01.
MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 2pp. 27315:234.
24X Fiche: 50-271, 84/11/01, 8411060470.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/03. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/03, 8411010487.

841140075 Ack receipt of 840601 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-271/84-05. Response did not adequately address issues identified by insp. Response requested within 20 days of ltr date.
STAROSTECKI, R. Division of Project & Resident Programs. 84/11/05.
MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 3pp. 27464:298.
24X Fiche: 50-271, 84/11/05, 841140075.

--841140081 Responds to NRC 840502 ltr re violation noted in Insp Rept 50-271/84-05. Violation should be withdrawn, as provisions of AP 0155 in conformance w/Tech Specs. Criteria specified in AP 0155 will be reevaluated by 841031.
MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 84/06/01.
STAROSTECKI, R. Division of Project & Resident Programs. 3pp. 27464:301. 24X Fiche: 50-271, 84/11/05, 841140075.

841140199 Forwards Enforcement Conference Rept 50-271/84-20 on 840912. Apparent violations re loss of secondary containment integrity while moving irradiated fuel being considered for appropriate enforcement actions.
STAROSTECKI, R. Region 1, Office of Director. 84/11/05. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 1p. 27468:296. 24X
Fiche: 50-271, 84/11/05, 841140199.

--841140237 Enforcement Conference Rept 50-271/84-20 on 840912. Major areas discussed: apparent violations identified at 840831 insp concerning loss of secondary containment integrity while moving irradiated fuel on 840717.
TRIPP, L.E., WENZINGER, E.C. Region 1, Office of Director. 84/09/25. 2pp. 27468:297. 24X Fiche: 50-271, 84/11/05, 841140199.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411200303 Responds to Insp Rept 50-271/84-20 on 840717-31. Corrective actions: contractor removed from list of authorized persons allowed to request tagging orders & procedures reviewed to ensure contractor not misled.
MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 84/11/09.
STAROSTECKI, R. Division of Project & Resident Programs. 5pp. 27371:326. 24X Fiche: 50-271, 84/11/09, 8411200303.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411260289 Forwards Insp Rept 50-271/84-23 on 841015-19. No violation noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/20.
MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 2pp. 27613:065.
24X Fiche: 50-271, 84/11/20, 8411260289.

--8411260292 Insp Rept 50-271/84-23 on 841015-19. No violation noted. Major areas inspected: audit program, corrective action responses to audits, procurement & matl control.
NAPUDA, G., OLIVEIRA, W., WOODARD, C. Region 1, Office of Director. 84/11/09. 8pp. 27613:067. 24X Fiche: 50-271, 84/11/20, 8411260289.

R. Periodic operating reports & related correspondence

8411280010 Monthly operating rept for Oct 1984. W/841110 ltr.
BURGER, F.J., MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 84/10/31. 7pp. 27685:348. 24X Fiche: 50-271, 84/10/31, 8411280010.

S. Reportable occurrences, LERs & related correspondence

8411060200 Forwards Engineering Evaluation Rept AEOD/E425, "HPCI Sys Lockout." for review. Rept concludes that feedback of details of event warranted.
CHIRAMAL, M. Reactor Operations Analysis Branch. 84/10/11.
SEYFRIT, K.V. Reactor Operations Analysis Branch. 1p. 27329:355.
24X Fiche: 50-271, 84/10/11, 8411060200.

--8411060202 "HPCI Sys Lockout," engineering evaluation rept.
* Reactor Operations Analysis Branch. 84/10/11. 6pp. 27329:356.
24X Fiche: 50-271, 84/10/11, 8411060200.

DOCKETED ITEMS

8411160416 LER 84-019-01 on 840615, indication lost from Rosemount level transmitter 1152T0280. Caused by loose circuit board mounting screws. All other transmitters checked & loose screws retightened. Proper calibr verified. W/841107 ltr. PELLETIER, J.P. Vermont Yankee Nuclear Power Corp. 84/11/07. 3pp. 27545:295. 24X Fiche: 50-272, 84/11/07, 8411160416.

8411140177 PND-I-84-094 on 841107, fire discovered on turbine bldg roof. Caused by technique used to install new roofing matl. Damage caused by fire minimal & limited to newly installed matls. RAYMOND, TRIPP Region 1, Office of Director. 84/11/05. 1p. 27464:361. 24X Fiche: 50-272, 84/11/08, 8411140177.

DOCKET 50-272 SALEM NUCLEAR GENERATING STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411070138 Forwards Insp Repts 50-272/84-32 & 50-311/84-32 on 840814-0924 & notice of violation. KISTER, H.B. Division of Project & Resident Programs. 84/10/11. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27395:169. 24X Fiche: 50-272, 84/10/11, 8411070138.

--8411070142 Notice of violation from insp on 840814-0924. * Region 1, Office of Director. 84/10/11. 2pp. 27395:171. 24X Fiche: 50-272, 84/10/11, 8411070138.

--8411070147 Insp Repts 50-272/84-32 & 50-311/84-32 on 840814-0924. Violations noted: failure to follow radiation protection procedures for posting high radiation areas. LINVILLE, J.C., SUMMERS, R.J., SMITH, G.C. Region 1, Office of Director. 84/10/09. 11pp. 27395:173. 24X Fiche: 50-272, 84/10/11, 8411070138.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteckii at Region I. MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411270399 Confirms commitment made at 841018 meeting re license amend request concerning control room emergency ventilation sys testing. Procedures will be modified to provide instructions & criteria for protecting personnel. LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/11/21. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27628:236. 24X Fiche: 50-272, 84/11/21, 8411270399.

J. Insurance & indemnity information

8411260223 Remits payment of indemnity fee for 841115-851114. LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/11/16. MILLER, W.O. Division of Accounting & Finance. 1p. 27616:011. 24X Fiche: 50-272, 84/11/16, 8411260223.

P. Operating license stage documents & correspondence

8411090007 Forwards Amends 57 & 26 to Licenses DPR-70 & DPR-75, respectively & safety evaluation. Amends change Tech Specs to delineate operating restrictions when one MSIV solenoid vent valve isolated. FISCHER, D. Operating Reactors Branch 1. 84/10/15. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 4pp. 27423:342. 24X Fiche: 50-272, 84/10/15, 8411090007.

--8411090010 Amends 57 & 26 to Licenses DPR-70 & DPR-75, respectively, changing Tech Specs to delineate operating restrictions when one MSIV solenoid vent valve isolated. VARGA, S.A. Operating Reactors Branch 1. 84/10/15. 12pp. 27423:346. 24X Fiche: 50-272, 84/10/15, 8411090007.

--8411090047 Safety evaluation supporting Amends 57 & 26 to Licenses DPR-70 & DPR-75, respectively. JENSEN, W. Office of Nuclear Reactor Regulation, Director. 84/10/15. 2pp. 27423:358. 24X Fiche: 50-272, 84/10/15, 8411090007.

amend to License DPR-70, revising Tech Spec RCS pressure/temp limits in 1 matl irradiation specimen exam

Public Service Electric & Gas Co. of New Jersey, Operating Reactors Branch 1. 3pp. 27423:346. 24X Fiche: 50-272, 84/10/15, 8411210009.

s. updating RCS pressure/temp limits. k Gas Co. of New Jersey. 84/10/15. 50-272, 84/10/15, 8411210009.

8411210019 Application for amends to Licenses DPR-70 & DPR-75, revising Tech Spec Section 3.4.1.2 re reactor coolant loops in operation while in Mode 3. Fee paid. LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/10/15. VARGA, S.A. Operating Reactors Branch 1. 5pp. 27594:229. 24X Fiche: 50-272, 84/10/15, 8411210019.

--8411210024 Proposed Tech Specs revising Section 3.4.1.2 re reactor coolant loops in operation while in Mode 3. * Public Service Electric & Gas Co. of New Jersey. 84/10/15. 4pp. 27594:234. 24X Fiche: 50-272, 84/10/15, 8411210019.

8411210111 Application for amend to License DPR-70, revising Tech Spec to correct typo in Table 3.3-3 re ESF actuation instrumentation. Fee paid. LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/10/15. VARGA, S.A. Operating Reactors Branch 1. 3pp. 27590:287. 24X Fiche: 50-272, 84/10/15, 8411210111.

--8411210117 Proposed Tech Spec correcting typo in Table 3.3-3 for Item 8a re ESF actuation instrumentation. * Public Service Electric & Gas Co. of New Jersey. 84/10/15. 2pp. 27590:290. 24X Fiche: 50-272, 84/10/15, 8411210111.

8411210215 Application for amends to Licenses DPR-70 & DPR-75, revising Tech Specs re RCS safety valves while shut down. Fee paid. LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/10/15. VARGA, S.A. Operating Reactors Branch 1. 5pp. 27591:029. 24X Fiche: 50-272, 84/10/15, 8411210215.

--8411210227 Proposed Tech Specs re RCS safety valves while shutdown, eliminating requirements that pressurizer code safety valve be operable in Modes 4 & 5. * Public Service Electric & Gas Co. of New Jersey. 84/10/15. 3pp. 27591:034. 24X Fiche: 50-272, 84/10/15, 8411210215.

8411090151 Forwards Amends 58 & 27 to Licenses DPR-70 & DPR-75, respectively & safety evaluation. Amends change Tech Specs re RCS water inventory balance performance. FISCHER, D. Operating Reactors Branch 1. 84/10/17. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 4pp. 27424:183. 24X Fiche: 50-272, 84/10/17, 8411090151.

--8411090157 Amends 58 & 27 to Licenses DPR-70 & DPR-75, respectively, changing Tech Specs re RCS water inventory balance performance. VARGA, S.A. Operating Reactors Branch 1. 84/10/17. 8pp. 27424:187. 24X Fiche: 50-272, 84/10/17, 8411090151.

--8411090164 Safety evaluation supporting Amends 58 & 27 to Licenses DPR-70 & DPR-75, respectively. * Office of Nuclear Reactor Regulation, Director. 84/10/17. 2pp. 27424:195. 24X Fiche: 50-272, 84/10/17, 8411090151.

8411090050 Forwards safety evaluation of implementation of inadequate core cooling instrumentation (ICCI) sys. Proposed final ICCI complies w/NUREG-0737, Item II.F.2 requirements & will be acceptable upon completion of upgrading of existing ICCI. VARGA, S.A. Operating Reactors Branch 1. 84/10/24. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 4pp. 27423:265. 24X Fiche: 50-272, 84/10/24, 8411090050.

--8411090052 Safety evaluation accepting implementation of inadequate core cooling instrumentation sys. * NRC - No Detailed Affiliation Given. 84/10/24. 8pp. 27423:269. 24X Fiche: 50-272, 84/10/24, 8411090050.

8411050319 Application to amend Licenses DPR-70 & DPR-75, revising Tech Specs to update nuclear dept organization & clarifying shift composition requirements of nuclear safety review committee. LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/10/26. VARGA, S.A. Operating Reactors Branch 1. 3pp. 27301:259. 24X Fiche: 50-272, 84/10/26, 8411050319.

--8411050326 Proposed Tech Specs updating nuclear dept organization, station operations review committee membership & quorum requirements, technical review & control & nuclear safety review. * Public Service Electric & Gas Co. of New Jersey. 84/10/26. 39pp. 27301:262. 24X Fiche: 50-272, 84/10/26, 8411050319.

841120187 Confirms bimonthly mgt meeting scheduled for 841116 at site to discuss plan to improve nuclear dept operations. Util should address assessment of action plan & possible mods to plan. STAROSTECKI, R. Division of Project & Resident Programs. 84/10/26. UDERITZ, R. Public Service Electric & Gas Co. of New Jersey. 2pp. 27437:014. 24X Fiche: 50-272, 84/10/26, 841120187.

DOCKETED ITEMS

69

841150145 Forwards GER re valve operability demonstration info for 10-inch vacuum relief isolation valves based on review of 79108, 21, 810731, 820218 & 830607 submittals. License change request should be submitted within 45 days. W/o encl.
VARGA, S.A. Operating Reactors Branch 1. 84/10/30. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 1p. 27530:361.
24X Fiche: 50-272, 84/10/30, 841150145.

8411210030 Application for amends to Licenses DPR-70 & DPR-75, revising ETS Sections 1.0-5.7.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/11/06. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27593:019.
24X Fiche: 50-272, 84/11/06, 8411210030.

--8411210033 Proposed ETS Sections 1.0-5.7.
* Public Service Electric & Gas Co. of New Jersey. 84/11/06.
48pp. 27593:021. 24X Fiche: 50-272, 84/11/06, 8411210030.

8411210115 Corrected application for amends to Licenses DPR-70 & DPR-75, correcting omission in 841026 amend request.
Correction adds two member/vice chairman & three audit functions inadvertently omitted from Tech Specs.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/11/06. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27593:007.
24X Fiche: 50-272, 84/11/06, 8411210115.

--8411210116 Proposed Tech Specs re administrative controls, adding two member/vice chairman & three audit functions.
* Public Service Electric & Gas Co. of New Jersey. 84/11/06.
10pp. 27593:009. 24X Fiche: 50-272, 84/11/06, 8411210115.

841140338 Forwards "Reactor Containment Bldg Second Inservice Integrated Leak Rate Test & Types B & C Surveillance Test." Testing conducted under differential preoperational test condition, in that some monitor channels plugged shut.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/11/08. VARGA, S.A. Operating Reactors Branch 1. 4pp. 27467:248.
24X Fiche: 50-272, 84/11/08, 841140338.

--841140340 "Reactor Containment Bldg Second Inservice Integrated Leak Rate Test & Types B & C Surveillance Test."
* Public Service Electric & Gas Co. of New Jersey. 84/08/31.
89pp. 27467:252. 24X Fiche: 50-272, 84/11/08, 841140338.

841140247 Provides environ qualification justifications for continued operations assuming loss of neutron flux monitors & component cooling water temp to ESF sys, per 841025 commitment.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/11/09. VARGA, S.A. Operating Reactors Branch 1. 3pp. 27469:028.
24X Fiche: 50-272, 84/11/09, 841140247.

G. Inspection reports, IE Bulletins & correspondence

8411070138 Forwards Insp Repts 50-272/84-32 & 50-311/84-32 on 840814-0924 & notice of violation.
KISTER, H.B. Division of Project & Resident Programs. 84/10/11.
UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp.
27395:169. 24X Fiche: 50-272, 84/10/11, 8411070138.

--8411070142 Notice of violation from insp on 840814-0924.
* Region 1, Office of Director. 84/10/11. 2pp. 27395:171. 24X Fiche: 50-272, 84/10/11, 8411070138.

--8411070147 Insp Repts 50-272/84-32 & 50-311/84-32 on 840814-0924.
Violations noted: failure to follow radiation protection procedures for posting high radiation areas.
LINVILLE, J.C., SUMMERS, R.J., SMITH, G.C. Region 1, Office of Director. 84/10/09. 11pp. 27395:173. 24X Fiche: 50-272, 84/10/11, 8411070138.

841120049 Notification of significant Licensee Meeting 84-99 on 841115 w/utl in Hancocks Bridge, NJ to discuss results of SALP.
LIMROTH, H.F. Region 1, Office of Director. 84/10/16. Region 1, Office of Director. 1p. 27440:342. 24X Fiche: 50-272, 84/10/16, 841120049.

841160066 Forwards Insp Repts 50-272/84-34 & 50-311/84-34 on 840917-21 & notice of violation.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/22.
UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27544:280. 24X Fiche: 50-272, 84/10/22, 841160066.

--841160073 Notice of violation from insp on 840917-21.
* Region 1, Office of Director. 84/10/22. 2pp. 27544:282. 24X Fiche: 50-272, 84/10/22, 841160066.

--841160080 Insp Repts 50-272/84-34 & 50-311/84-34 on 840917-21.
Violation noted: failure to follow procedure re field changes to ventilation sys test procedures & failure to follow training program procedures for chemistry technician.
STRUCKMEYER, R. Division of Engineering & Technical Programs.
SHANBAKY, M.M. Region 1, Office of Director. 84/10/18. 7pp. 27544:284. 24X Fiche: 50-272, 84/10/22, 841160066.

8411020131 Ack receipt of 840831 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-272/84-10 & 50-311/84-10.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/25.
UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27257:091. 24X Fiche: 50-272, 84/10/25, 8411020131.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411060374 Remits payment of insp fees for period ending 840619.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/10/30. MILLER, W.D. License Fee Management Branch. 1p. 27321:132. 24X Fiche: 50-272, 84/10/30, 8411060374.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411080049 Forwards SALP Repts 50-272/84-37 & 50-311/84-36 for Oct 1983 - Aug 1984. Meeting to discuss assessment scheduled for 841115.
STAROSTECKI, R. Division of Project & Resident Programs. 84/11/05.
UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27392:112. 24X Fiche: 50-272, 84/11/05, 8411080049.

--8411080052 SALP Repts 50-272/84-37 & 50-311/84-36 for Oct 1983 - Aug 1984.
* Region 1, Office of Director. 84/10/15. 46pp. 27392:114. 24X Fiche: 50-272, 84/11/05, 8411080049.

8411600035 Responds to NRC 841004 ltr re deviation noted in Insp Rept 50-272/84-26. Corrective actions: change will be requested for Tech Spec Table 3.6-1 to facilitate removal of listed valves from local leak rate test.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/11/05. MARTIN, T.T. Division of Engineering & Technical Programs. 3pp. 27539:083. 24X Fiche: 50-272, 84/11/05, 8411600035.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411200274 Forwards Insp Repts 50-272/84-36 & 50-311/84-35 on 840925-1026. Enforcement conference will be scheduled to discuss use of unqualified valve to meet containment isolation valve operability requirements.
STAROSTECKI, R. Division of Project & Resident Programs. 84/11/15.
UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27571:061. 24X Fiche: 50-272, 84/11/15, 8411200274.

--8411200286 Insp Repts 50-272/84-36 & 50-311/84-35 on 840925-1026.
Violation noted: failure to comply w/Tech Spec requirements for containment isolation valves.
LINVILLE, J.C., SUMMERS, R.J., NORRHOLM, L.J. Region 1, Office of Director. 84/11/09. 16pp. 27571:063. 24X Fiche: 50-272, 84/11/15, 8411200274.

8411500041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411500041.

8411500072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411500072.

DOCKETED ITEMS

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411270107 Forwards Insp Repts 50-272/84-38 & 50-311/84-37 on 841015-19. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/20. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27629:322. 24X Fiche: 50-272, 84/11/20, 8411270107.

--8411270113 Insp Repts 50-272/84-38 & 50-311/84-37 on 841015-19. No violation noted. Major areas inspected: nonlicensed training program, maint, instrumentation & control, nonlicensed operators & shift technical advisors.
PRELL, J., ALBA, A., SPRAUL, J. Region 1, Office of Director. 84/11/14. 9pp. 27629:324. 24X Fiche: 50-272, 84/11/20, 8411270107.

8411290119 Ack receipt of 840920 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-272/84-05 & 50-311/84-05. Actions will be examined during future insp.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/20. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27678:295. 24X Fiche: 50-272, 84/11/20, 8411290119.

R. Periodic operating reports & related correspondence

8411120094 Forwards NPDES discharge monitoring repts for Sept 1984. On 840918, State of NJ Dept of Environ Protection informed that approx 10,000 gallons of liquid discharged through yard drain. Discharge caused by temporary hose failure.
RONAFALVV, J.P. Public Service Electric & Gas Co. of New Jersey. 84/10/17. RADOW, E. New Jersey, State of. 3pp. 27437:216. 24X Fiche: 50-272, 84/10/17, 8411120094.

--8411120098 NPDES discharge monitoring repts for Sept 1984.
RONAFALVV, J.P. Public Service Electric & Gas Co. of New Jersey. 84/09/30. 18pp. 27437:219. 24X Fiche: 50-272, 84/10/17, 8411120094.

8411210325 Monthly operating rept for Oct 1984. W/841110 ltr.
RONAFALVV, J.P., ZUPKO, J.M. Public Service Electric & Gas Co. of New Jersey. 84/10/31. 20pp. 27617:066. 24X Fiche: 50-272, 84/10/31, 8411210325.

8411280175 Forwards response to Oct 1984 quarterly rept of Nuclear Oversight Committee. Util enhanced activities aimed at identifying & resolving problems & evaluating root causes of trips & unplanned outages.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/11/21. VARGA, S.A. Operating Reactors Branch 1. 7pp. 27665:353. 24X Fiche: 50-272, 84/11/21, 8411280175.

S. Reportable occurrences, LERs & related correspondence

8411010440 Forwards Technical Review Rept AEOD/T422, "Inoperability of Safety Injection Pump at Salem 1." Event has no generic implications. No further action on issue planned.
ZUKOR, D.J. Reactor Operations Analysis Branch. 84/08/29. SEYFRIT, K.V. Reactor Operations Analysis Branch. 1p. 27251:271. 24X Fiche: 50-272, 84/08/29, 8411010440.

--8411010444 "Inoperability of Safety Injection Pump at Salem 1."
* Reactor Operations Analysis Branch. 84/08/29. 5pp. 27251:272. 24X Fiche: 50-272, 84/08/29, 8411010440.

8411120029 Notification of Significant Licensee Meeting 89-100 on 841116 w/util in Hancocks Bridge, NJ to discuss ATWS event corrective action program.
LIMROTH, D.F. Region 1, Office of Director. 84/10/22. Region 1, Office of Director. 1p. 27440:353. 24X Fiche: 50-272, 84/10/22, 8411120029.

8411160210 PNO-I-84-096: on 841111, unit tripped due to lo-lo level in steam generator 13. Caused by turbine electro hydraulic control sys malfunction. Unit placed in cold shutdown. Investigation continuing.
LINVILLE, J., NORRHOLM, L. Region 1, Office of Director. 84/11/11. 1p. 27537:323. 24X Fiche: 50-272, 84/11/11, 8411160210.

8411210254 LER 84-021-00: on 841014, during reactor startup, containment isolation valve ICC131 closed. Caused by motor not desmergizing following opening attempt, resulting in current draw & motor failure. Valve repaired. W/841113 ltr.
RUPP, J.L., ZUPKO, J.M. Public Service Electric & Gas Co. of New Jersey. 84/11/13. 5pp. 27605:329. 24X Fiche: 50-272, 84/11/13, 8411210254.

8411290232 LER 84-024-00: on 841020, steam generator feedwater regulation isolation valves closed. Caused by spurious feedwater actuation signal. Testing performed. W/841116 ltr.
RUPP, J.L., ZUPKO, J.M. Public Service Electric & Gas Co. of New Jersey. 84/11/16. 4pp. 27718:325. 24X Fiche: 50-272, 84/11/16, 8411290232.

8411290396 LER 84-022-00: on 841018 & 19, Mode 4 operation entered w/containment isolation valves 1CV68 & 1CV69 inoperable. Caused by personnel error. Type C leak rate test procedural change implemented. W/841116 ltr.
RUPP, J.L., ZUPKO, J.M. Public Service Electric & Gas Co. of New Jersey. 84/11/16. 5pp. 27721:283. 24X Fiche: 50-272, 84/11/16, 8411290396.

8411290404 LER 84-023-00: on 841022, during initiation of turbine trip, reactor trip occurred due to loss of P-7 permissive. Turbine impulse pressure transmitter PT-506 replaced. W/841116 ltr.
RUPP, J.L., ZUPKO, J.M. Public Service Electric & Gas Co. of New Jersey. 84/11/16. 4pp. 27721:259. 24X Fiche: 50-272, 84/11/16, 8411290404.

V. Operator Examinations

8411270107 Forwards Insp Repts 50-272/84-38 & 50-311/84-37 on 841015-19. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/20. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27629:322. 24X Fiche: 50-272, 84/11/20, 8411270107.

--8411270113 Insp Repts 50-272/84-38 & 50-311/84-37 on 841015-19. No violation noted. Major areas inspected: nonlicensed training program, maint, instrumentation & control, nonlicensed operators & shift technical advisors.
PRELL, J., ALBA, A., SPRAUL, J. Region 1, Office of Director. 84/11/14. 9pp. 27629:324. 24X Fiche: 50-272, 84/11/20, 8411270107.

DOCKET 50-275 DIABLO CANYON NUCLEAR POWER PLANT, UNIT 1

E. NRC Safety Evaluation Report (SER), supls & correspondence

8411280315 Requests responses to 31 allegations or concerns identified in SSER 22. Response requested within 30 days. Allegations & concerns & background info encl.
BISHOP, T.W. Region 3, Office of Director. 84/04/19. SCHUYLER, J.D. Pacific Gas & Electric Co. 400pp. 27688:001. 24X Fiche: 50-275, 84/04/19, 8411280315.

8411290042 Forwards responses to 31 allegations identified in SSER 22, per 840419 request. Receipt ack requested.
BRAND, D.A., CRANE, P.A. Pacific Gas & Electric Co. 84/05/17. BISHOP, T.W. Region 3, Office of Director. 132pp. 27719:122. 24X Fiche: 50-275, 84/05/17, 8411290042.

F. Security, medical, emergency & fire protection plans

8411130132 Forwards revised emergency plan implementing procedures. Privacy/proprietary info deleted, per Generic Ltr 81-27. Related correspondence.
SCHUYLER, J.D. Pacific Gas & Electric Co. #484 915. 84/07/20. MARTIN, J.B. Region 3, Office of Director. 1p. 27478:118. 24X Fiche: 50-275, 84/07/20, 8411130132.

--8411130142 Revised emergency plan implementing procedures, including OP-0 re reactor trip w/safety injection, OP-1 re LOCA, OP-2 re loss of secondary coolant & OP-3A re steam generator tube failure. Related correspondence. Proprietary info deleted.
* Pacific Gas & Electric Co. 84/07/20. 140pp. 27478:119. 24X Fiche: 50-275, 84/07/20, 8411130132.

8411130101 Forwards revised emergency plan implementing procedures, including EPOP-0 re reactor trip or safety injection, EPOP-0.1 re reactor trip response & EPOP-0.2 re natural circulation cooldown. Related correspondence.
RAYMOND, W.A. Pacific Gas & Electric Co. #484 922. 84/09/10. MARTIN, J.B. Region 3, Office of Director. 1p. 27480:168. 24X Fiche: 50-275, 84/09/10, 8411130101.

--8411130119 Revised emergency plan implementing procedures, including EPOP-0 re reactor trip or safety injection, EPOP-0.1 re reactor trip response & EPOP-0.2 re natural circulation cooldown. Related correspondence.
* Pacific Gas & Electric Co. 84/09/10. 480pp. 27480:169. 24X Fiche: 50-275, 84/09/10, 8411130101.

8411010538 Forwards public version of Change 4 to Rev 3 to emergency plan.
SCHUYLER, J.D. Pacific Gas & Electric Co. 84/09/28. MARTIN, J.B. Region 3, Office of Director. 2pp. 27267:003. 24X Fiche: 50-275, 84/09/28, 8411010538.

DOCKETED ITEMS

71

--B411010573 Public version of Change 4 to Rev 3 to emergency plan. W/B41024 release memo.
* Pacific Gas & Electric Co. 81/08/31. 1088pp. 27267:004. 24X
Fiche: 50-275, 84/09/28, 8411010538.

B411090364 Rev 3, Change 4 to emergency plan. W/B40928 ltr. Related correspondence.
SCHUYLER, J.O. Pacific Gas & Electric Co. #484 423. 84/09/28.
MARTIN, J.B. Region 5, Office of Director. 1087pp. 27431:200. 24X
Fiche: 50-275, 84/09/28, 8411090364.

B411200229 Forwards FEMA 840912 memo to NRC which transmits corrective action schedule & update rept on offsite emergency preparedness. Adequate level of offsite emergency preparedness exists.
KNIGHTON, G.W. Licensing Branch 3. 84/10/24. SHIFFER, J.D. Pacific Gas & Electric Co. 3pp. 27598:188. 24X Fiche: 50-275, 84/10/24, 8411200229.

B411010258 Ack receipt of B41005 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-275/84-23.
SCHUSTER, J.D. Region 5, Office of Director. 84/10/29.
SHIFFER, J.D. Pacific Gas & Electric Co. 1p. 27232:002. 24X
Fiche: 50-275, 84/10/29, 8411010258.

--B411010263 Responds to NRC 840905 ltr re violations noted in Insp Rept 50-275/84-23. Corrective actions: employees assigned to onsite or corporate emergency organization will be trained or retrained.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/10/05. MARTIN, J.B. Region 5, Office of Director. 4pp. 27232:003. 24X
Fiche: 50-275, 84/10/29, 8411010263.

B411210282 Forwards "Site-Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys GA Verification." Alert & notification sys meet NUREG-0654 requirements & acceptable.
SPECK, S.W. Federal Emergency Management Agency. 84/11/07.
DIRCKS, W.J. Office of the Executive Director for Operations. 1p. 27591:045. 24X Fiche: 50-275, 84/11/07, 8411210282.

--B411210288 "Site-Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys GA Verification."
* International Energy Associates, Ltd. 84/10/29. 85pp.
27591:045. 24X Fiche: 50-275, 84/11/07, 8411210288.

B411200310 Forwards actions taken per B40820 & 24 investigations of allegations re fire door frame installation. Defective door replaced or sealed w/caulking. Fire door frame installations comply w/design & installation requirements.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/11/13. MARTIN, J.B. Region 5, Office of Director. 3pp. 27571:323. 24X
Fiche: 50-275, 84/11/13, 8411200310.

G. Adjudicatory correspondence

B411050445 Responds to B41005 ltr re suggested issues for Commission consideration concerning facility. Hearing should not be reopened to permit litigation on effects of earthquakes on emergency planning. Served on B41102.
PALLADINO, N.J. Commissioners. #484 887. 84/10/31. PATTERSON, J. House of Rep. 2pp. 27297:223. 24X Fiche: 50-275, 84/10/31, 8411050445.

--B411050449 Requests consideration of author suggestions presented at Congressional hearing re reopening of hearing record to permit litigation of complicating effects of earthquakes on emergency planning. SECY tracking responses requested.
ASSELSTINE, J.K. Commissioners. 84/09/07. PALLADINO, ROBERTS Commissioners. 2pp. 27297:225. 24X Fiche: 50-275, 84/10/31, 8411050445.

--B411050460 Expresses thanks for NRC participation in House Subcommittee on Energy & Environ Diablo Canyon B40830 oversight hearing. NRC should address Commissioner Asselstine concerns re opening of proceeding record for further litigation.
PATTERSON, J., PANETTA, L.E. House of Rep. 84/10/05. PALLADINO, N. Commissioners. 3pp. 27297:227. 24X Fiche: 50-275, 84/10/31, 8411050460.

B411050456 Comments on Commissioner Asselstine testimony before field oversight hearing in San Luis Obispo, CA. Served on B41102.
PALLADINO, N.J. Commissioners. #484 888. 84/10/31. PATTERSON, J., PANETTA, L.E. House of Rep. 2pp. 27297:344. 24X
Fiche: 50-275, 84/10/31, 8411050456.

B411020539 Forwards MC Thompson, TM Devine & S Lockert affidavits representing portion of results from B41009-30 investigative trip. Commission has adopted adversary position w/respect to public since B40817 stay.
DEVINE, T. Government Accountability Project. #484 873. 84/11/01.
PALLADINO, N.J., ROBERTS, T., ASSELSTINE, J. Commissioners. 3pp. 27261:202. 24X Fiche: 50-275, 84/11/01, 8411020539.

--B411020543 Marked-up affidavit of MC Thompson re possible fake welds on stanchions holding up safety injection sys lines in Unit 1.
THOMPSON, M.C. Government Accountability Project. 84/10/22. 32pp. 27261:205. 24X Fiche: 50-275, 84/11/01, 8411020539.

--B411020547 Affidavit of TM Devine re employee concerns that reactor vessel level instrumentation sys may not provide reliable readings.
DEVINE, T.M. Government Accountability Project. 84/11/01. 5pp. 27261:237. 24X Fiche: 50-275, 84/11/01, 8411020539.

--B411020550 Affidavit of S Lockert re const GA licensee character & competence.
LOCKERT, S. Affiliation Not Assigned. 84/10/29. 38pp. 27261:242. 24X Fiche: 50-275, 84/11/01, 8411020539.

B411150290 Informs of new address & phone number for law firm, effective 841201. Related correspondence.
MCDIARMID, R.C. Spiegel & McDiarmid. MCDIARMID, R.C. California, State of, Northern California Power Agency. #484 136. 84/11/12.
CHILK, S.J. Office of the Secretary of the Commission. 1p. 27528:112. 24X Fiche: 50-275, 84/11/12, 8411150290.

B411190511 Advises that SSER for Unit 2 design verification will be issued in Jan 1985. Change in schedule & precise date will be submitted when established. Related correspondence.
CHANDLER, L.J. Hearings Division. #484 170. 84/11/15. MOORE, T.S., JOHNSON, W.R. Atomic Safety and Licensing Appeal Panel. 2pp. 27549:361. 24X Fiche: 50-275, 84/11/15, 8411190511.

B411200004 Order extending time until 841217 for Commission to act to review ALAB-775, 775A, 776, 781 & 782. Served on B41116.
CHILK, S.J. Office of the Secretary of the Commission. #484 197. 84/11/15. Commissioners. 1p. 27578:048. 24X
Fiche: 50-275, 84/11/15, 8411200004.

B411200008 Order extending time until 841217 for Commission to act to review Director's Decision DD-84-20. Served on B41116.
CHILK, S.J. Office of the Secretary of the Commission. #484 198. 84/11/15. Commissioners. 1p. 27579:047. 24X
Fiche: 50-275, 84/11/15, 8411200008.

B411200013 Order extending time until 841217 for Commission to act to review Director's Decision DD-84-19. Served on B41116.
CHILK, S.J. Office of the Secretary of the Commission. #484 199. 84/11/15. Commissioners. 1p. 27579:017. 24X
Fiche: 50-275, 84/11/15, 8411200013.

B411200235 Amended petition under 10CFR2.206 urging NRC to restore legality to PG&E GA program to ensure existing nuclear facilities & facilities coming online operate safely.
DEVINE, T. Government Accountability Project. #484 191. 84/11/16. Commissioners. 97pp. 27578:198. 24X Fiche: 50-275, 84/11/16, 8411200235.

H. General correspondence

B411280069 Requests to make limited appearance statement. Interpretation of term "appropriate ofc" per 10CFR1.32(f) requested.
DARKE, J. Affiliation Not Assigned. 82/01/25. Atomic Safety and Licensing Board Panel. 1p. 27682:361. 24X Fiche: 50-275, 82/01/25, 8411280069.

I. Financial information

B411070053 Forwards two ltrs dtd 841022 & State of CA pollution control financing authority B41030 ltr re applications from San Diego Gas & Electric Co & Southern CA Edison Co.
THOMAS, R.D. Region 5, Office of Director. 84/11/01. CASE, E.G. Office of Nuclear Reactor Regulation, Director. 1p. 27355:287. 24X
Fiche: 50-000, 84/11/01, 8411070053.

--B411070130 Requests review & certification of referenced project per Application 425 for financing of pollution control, solid waste disposal & sewage disposal facilities.
CHANDLER, D.E. California, State of. 84/10/30. THOMAS, R. Region 5, Office of Director. 9pp. 27356:141. 24X Fiche: 50-000, 84/11/01, 8411070053.

J. Insurance & indemnity information

B411130418 Forwards License DPR-80, safety evaluation, notice of issuance & Amend 17 to Indemnity Agreement B-75. License authorizes operation at reactor core power up to 3.338 MWt.
EISENHUT, D.G. Division of Licensing. 84/11/02. SHIFFER, J.D. Pacific Gas & Electric Co. 4pp. 27478:260. 24X
Fiche: 50-275, 84/11/02, 8411130418.

DOCKETED ITEMS

--8411130435 Unexecuted Amend 7 to Indemnity Agreement B-75, revising Item 3 in entirety as listed. Tech Specs (NUREG-1102) encl. SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/02. 400pp. 27478:279. 24X Fiche: 50-275, 84/11/02, 8411130418.

8411150132 Forwards Amend 7 to Indemnity Agreement B-75. GROVE, P. A. Pacific Gas & Electric Co. 84/11/07. SALTZMAN, J. Assistant Director for State & Licensee Relations. 2pp. 27497:001. 24X Fiche: 50-275, 84/11/07, 8411150132.

8411150098 Forwards Endorsements 41 & 13 to NELIA & MAELU Policies NF-228 & MF-103, respectively. CRANE, P. A. Pacific Gas & Electric Co. 84/11/09. SALTZMAN, J. D. Assistant Director for State & Licensee Relations. 3pp. 27499:356. 24X Fiche: 50-275, 84/11/09, 8411150098.

M. Antitrust correspondence

8411150301 Forwards DOJ advice ltr to NRC in connection w/PG&E application to construct Stanislaus Nuclear Project per 841030 telcon & ltr. W/o encl. VOGLER, B. H. Hearing Branch 2. #484 140. 84/11/13. WALTERS, B. E. Bonneville Power Administration. 1p. 27528:125. 24X Fiche: 50-275, 84/11/13, 8411150301.

P. Operating license stage documents & correspondence

8411290224 FOIA request for records re Nuclear Svcs Corp 1977 audit of Pullman Power Products. REYNOLDS, J. Center for Law in the Public Interest. 84/01/20. Office of Administration. 2pp. 27698:289. 24X Fiche: 50-275, 84/01/20, 8411290224.

8411290605 Forwards list of 146 allegations for evaluation, investigation & response. Response required within 30 days of ltr receipt. BISHOP, T. W. Region 5, Office of Director. 84/04/27. SCHUYLER, J. D. Pacific Gas & Electric Co. 15pp. 27722:142. 24X Fiche: 50-275, 84/04/27, 8411290605.

8411290237 Further response to FOIA request for records re Nuclear Svcs Corp 1977 audit of Pullman Power Products. Dircks 831107 memo to Commissioners encl. FELTON, J. M. Division of Rules and Records. 84/05/09. REYNOLDS, J. Center for Law in the Public Interest. 1p. 27698:291. 24X Fiche: 50-275, 84/05/09, 8411290237.

--8411290246 Forwards analysis of reportability of Nuclear Svc Corp 1977 audit of Pullman Power Products GA program, per 831103 meeting request. DIRCKS, W. J. Office of the Executive Director for Operations. 83/11/07. PALLADINO, GILINSKY, ROBERTS Commissioners. 12pp. 27698:292. 24X Fiche: 50-275, 84/05/09, 8411290237.

8411290136 Forwards response to 146 allegations in 840427 ltr. Safeguards info withheld (ref 10CFR73.21). BRAND, D. A. Pacific Gas & Electric Co. 84/05/29. BISHOP, T. W. Region 5, Office of Director. 185pp. 27703:185. 24X Fiche: 50-275, 84/05/29, 8411290136.

8411290663 Forwards listing of allegations & paraphrasing of allegations contained in confidential transcript for evaluation, investigation & response. Response required within 30 days of ltr receipt. BISHOP, T. W. Region 5, Office of Director. 84/08/28. SCHUYLER, J. D. Pacific Gas & Electric Co. 29pp. 27701:154. 24X Fiche: 50-275, 84/08/28, 8411290663.

8411290041 Requests extension until 841030 to respond to TW Bishop 840828 ltr to JO Schuyler forwarding set of allegations for action. Delay due to critical facility licensing activities. CRANE, P. A. Pacific Gas & Electric Co. 84/09/17. BISHOP, T. W. Region 5, Office of Director. 1p. 27721:105. 24X Fiche: 50-275, 84/09/17, 8411290041.

8411290028 Forwards 65 allegations & previous responses. Util will respond to remaining issues by 841030. SHIFFER, J. D. Pacific Gas & Electric Co. 84/10/18. BISHOP, T. W. Region 5, Office of Director. 187pp. 27720:077. 24X Fiche: 50-275, 84/10/18, 8411290028.

8411290001 Forwards printout from allegation file sys re Allegations 1435, 1456, 1459 & 1467 for evaluation, investigation & response. Response required within 30 days of ltr receipt. BISHOP, T. W. Region 5, Office of Director. 84/10/22. SHIFFER, J. D. Pacific Gas & Electric Co. 2pp. 27721:334. 24X Fiche: 50-275, 84/10/22, 8411290001.

8411290626 Forwards Allegations 806 & 919 resubmitted for more detailed evaluation, investigation & response. Response requested within 30 days of ltr receipt. KIRSCH, D. F. Region 5, Office of Director. 84/10/26. SHIFFER, J. D. Pacific Gas & Electric Co. 2pp. 27722:140. 24X Fiche: 50-275, 84/10/26, 8411290626.

8411050073 Forwards list of reference matls provided to DB Slemmons as requested at seismic long-term program 841004 meeting. SHIFFER, J. Pacific Gas & Electric Co. 84/10/29. KNIGHTON, G. W. Licensing Branch 3. 3pp. 27301:349. 24X Fiche: 50-275, 84/10/29, 8411050073.

8411090225 Forwards updated schedule for implementation of revised FSAR Chapter 17 topics. Revs will be incorporated in GA/GC procedures. SHIFFER, J. D. Pacific Gas & Electric Co. 84/10/29. MARTIN, J. B. Region 5, Office of Director. 2pp. 27398:044. 24X Fiche: 50-275, 84/10/29, 8411090225.

8411090259 Discusses adequacy of Tech Specs & surveillance program, including development, overall adequacy & programs which implement both explicit & implied surveillance requirements. SHIFFER, J. D. Pacific Gas & Electric Co. 84/10/29. MARTIN, J. B., CREWS, J. Region 5, Office of Director. 3pp. 27399:208. 24X Fiche: 50-275, 84/10/29, 8411090259.

8411280329 Forwards response to remaining allegations identified in NRC 840828 & 1022 ltrs. Evaluations & investigations resolve allegations. Ack of receipt of matl requested. SHIFFER, J. D. Pacific Gas & Electric Co. 84/10/30. MARTIN, J. B., KIRSCH, D. Region 5, Office of Director. 449pp. 27686:001. 24X Fiche: 50-275, 84/10/30, 8411280329.

8411200409 Forwards request for addl info, per ongoing review of Unit 2 equipment qualification. Reply should be submitted within 2 wks of receipt of request. KNIGHTON, G. W. Licensing Branch 3. 84/10/31. SHIFFER, J. D. Pacific Gas & Electric Co. 4pp. 27598:234. 24X Fiche: 50-275, 84/10/31, 8411200409.

8411130418 Forwards License DPR-80, safety evaluation, notice of issuance & Amend 17 to Indemnity Agreement B-75. License authorizes operation at reactor core power up to 3,338 MWt. EISENHUT, D. G. Division of Licensing. 84/11/02. SHIFFER, J. D. Pacific Gas & Electric Co. 4pp. 27478:260. 24X Fiche: 50-275, 84/11/02, 8411130418.

--8411130425 License DPR-80, authorizing power levels up to 3,338 MWt. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 84/11/02. 9pp. 27478:264. 24X Fiche: 50-275, 84/11/02, 8411130418.

--8411130430 Notice of issuance of License DPR-80. KNIGHTON, G. W. Licensing Branch 3. 84/11/02. 4pp. 27478:273. 24X Fiche: 50-275, 84/11/02, 8411130418.

--8411130432 Safety evaluation supporting issuance of License DPR-80. * Office of Nuclear Reactor Regulation, Director. 84/11/02. 2pp. 27478:277. 24X Fiche: 50-275, 84/11/02, 8411130418.

--8411130435 Unexecuted Amend 7 to Indemnity Agreement B-75, revising Item 3 in entirety as listed. Tech Specs (NUREG-1102) encl. SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/02. 400pp. 27478:279. 24X Fiche: 50-275, 84/11/02, 8411130418.

8411150090 Forward Rev 3 to Surveillance Test Procedure STP I-16C, "Trip Actuating Device Operational Test of Manual Initiation & Blocking Reactor Protection & Engineered Safeguards," inadvertently omitted from 840627 submittal. SHIFFER, J. D. Pacific Gas & Electric Co. 84/11/07. KNIGHTON, G. W. Licensing Branch 3. 3pp. 27510:306. 24X Fiche: 50-275, 84/11/07, 8411150090.

--8411150103 Rev 3 to Surveillance Test Procedure STP I-16C, "Trip Actuating Device Operational Test of Manual Initiation & Blocking Reactor Protection & Engineered Safeguards." * Pacific Gas & Electric Co. 84/11/03. 37pp. 27510:309. 24X Fiche: 50-275, 84/11/07, 8411150090.

8411140169 Withdraws portion of 840921 Amend Request 84-10 committing util not to use feedwater bypass valves pending approval of Tech Spec change. Installation does not constitute unreviewed safety question per 10CFR50.59. SHIFFER, J. D. Pacific Gas & Electric Co. 84/11/08. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27464:189. 24X Fiche: 50-275, 84/11/08, 8411140169.

DOCKETED ITEMS

73

8411260611 Summary of 841004 meeting w/util & USGS in Bethesda, MD re seismic reevaluation program identified as license condition in proposed full power amend. Attendance list & viewgraphs encl.
SCHIERLING, H. Licensing Branch 3. 84/11/14. Licensing Branch 3. 53pp. 27646:255. 24X Fiche: 50-275, 84/11/14, 8411260611.

--8411260612 Comments on 841004 meeting w/util & USGS in Bethesda, MD re seismic reevaluation program. Tectonic considerations for Hosgri fault should be reevaluated to include faults & folds of transverse ranges.
SLEMMONS, D.B. Slemmons, D.B. 84/10/21. BROCCUM, S. Geosciences Branch. 4pp. 27646:307. 24X Fiche: 50-275, 84/11/14, 8411260611.

8411260341 Forwards addl info re inadequate core cooling instrumentation sys. per 841016 request. Tech Spec re reactor vessel level indications sys will be addressed by 841207.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/11/21. KNIGHTON, G.W. Licensing Branch 3. 10pp. 27608:285. 24X Fiche: 50-275, 84/11/21, 8411260341.

8411270289 Forwards revised Test Procedure 42.7 & pretest rept, Boron Mixing Test, per NRC 840925 request for addl info. Ack of receipt requested.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/11/21. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27635:239. 24X Fiche: 50-275, 84/11/21, 8411270289.

--8411270292 Revised Test Procedure 42.7, "Natural Circulation Boron Mixing Test."
* Pacific Gas & Electric Co. 84/11/21. 37pp. 27635:241. 24X Fiche: 50-275, 84/11/21, 8411270289.

--8411270306 Rev 3 to pretest rept, "Natural Circulation Boron Mixing Test."
* Pacific Gas & Electric Co. 84/11/08. 28pp. 27635:278. 24X Fiche: 50-275, 84/11/21, 8411270289.

8411290164 TECHNICAL SPECIFICATIONS FOR DIABLO CANYON NUCLEAR POWER PLANT UNIT NO. 1. Docket No. 50-275. (Pacific Gas and Electric Company)
* Division of Licensing. NUREG-1102. 84/11/30. 446pp. Available at NRC. \$9.50. 27692:324. 24X Fiche: 50-275, 84/11/30, 8411290164.

G. Inspection reports, IE Bulletins & correspondence

8411030334 Forwards Insp Repts 50-275/84-32 & 50-323/84-20 on 840902-29. No violations noted.
BISHOP, T.W. Region 5, Office of Director. 84/10/16. SHIFFER, J.D. Pacific Gas & Electric Co. 1p. 27287:352. 24X Fiche: 50-275, 84/10/16, 8411030334.

--8411030346 Insp Repts 50-275/84-32 & 50-323/84-20 on 840902-29. No violations noted. Major areas inspected: plant operations, hot functional test program, startup test program & followup on open items, LERS & enforcement actions.
MENDONCA, M.M., PADOVAN, M.L., ROSS, T.M. Region 5, Office of Director. 84/10/15. 9pp. 27287:353. 24X Fiche: 50-275, 84/10/16, 8411030334.

841120435 Forwards Insp Repts 50-275/84-27 & 50-323/84-19 on 840813-17 & 27-31. No violations noted.
MENSILAWSKI, F.A. Region 5, Office of Director. 84/10/19. SHIFFER, J.D. Pacific Gas & Electric Co. 1p. 27458:073. 24X Fiche: 50-275, 84/10/19, 841120435.

--841120439 Insp Repts 50-275/84-27 & 50-323/84-19 on 840813-17 & 27-31. No violations noted. Major areas inspected: Unit 1 startup tests, Unit 2 preoperational tests, radiation monitor calibr & implementation of NUREG 0737, Items II.B.3 & II.F.1.
GARCIA, E.M., YUHAS, G.P. Region 5, Office of Director. 84/10/19. 12pp. 27458:074. 24X Fiche: 50-275, 84/10/19, 841120435.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010258 Ack receipt of 841005 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-275/84-23.
SCHUSTER, J.D. Region 5, Office of Director. 84/10/29. SHIFFER, J.D. Pacific Gas & Electric Co. 1p. 27232:002. 24X Fiche: 50-275, 84/10/29, 8411010258.

--8411010263 Responds to NRC 840905 ltr re violations noted in Insp Rept 50-275/84-23. Corrective actions: employees assigned to onsite or corporate emergency organization will be trained or retrained.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/10/05. MARTIN, J.B. Region 5, Office of Director. 4pp. 27232:003. 24X Fiche: 50-275, 84/10/29, 8411010258.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411210157 Forwards Insp Rept 50-275/84-30 on 840520-1029. No violations noted.
KIRSCH, D.F. Division of Resident Reactor Project & Engineering Programs. 84/11/02. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 27608:089. 24X Fiche: 50-275, 84/11/02, 8411210157.

--8411210166 Insp Rept 50-275/84-30 on 840520-1029. No violation or deviations noted. Major area inspected: GA audit program.
PADOVAN, M.L., JOHNSON, P.H. Region 5, Office of Director. 84/10/31. 12pp. 27606:091. 24X Fiche: 50-275, 84/11/02, 8411210157.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411200059 Ack receipt of 841024 ltr in response to 840924 notice of violation re failure of util to rept existence of 1977 audit performed by NUS of Pullman Power Product GA program. Categorization under current policy appropriate.
TAYLOR, J.M. Director's Office, Office of Inspection and Enforcement. 84/11/13. SCHUYLER, J.O. Pacific Gas & Electric Co. 2pp. 27588:326. 24X Fiche: 50-275, 84/11/13, 8411200059.

8411200310 Forwards actions taken, per 840820 & 24 investigations of allegations re fire door frame installation. Defective door replaced or sealed w/caulking. Fire door frame installations comply w/design & installation requirements.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/11/13. MARTIN, J.B. Region 5, Office of Director. 3pp. 27571:323. 24X Fiche: 50-275, 84/11/13, 8411200310.

8411190529 Forwards SALP Repts 50-275/84-34 & 50-323/84-22 for Jan 1983 - June 1984.
MARTIN, J.B. Region 5, Office of Director. 84/11/14. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 27581:142. 24X Fiche: 50-275, 84/11/14, 8411190529.

--8411190535 SALP Repts 50-275/84-34 & 50-323/84-34 for Jan 1983 - June 1984.
* Region 5, Office of Director. 84/11/14. 46pp. 27581:144. 24X Fiche: 50-275, 84/11/14, 8411190529.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411200235 Amended petition under 10CFR2.206 urging NRC to restore legality to PG&E GA program to ensure existing nuclear facilities & facilities coming online operate safely.
DEVINE, T. Government Accountability Project. #484 191. 84/11/16. Commissioners. 97pp. 27578:198. 24X Fiche: 50-275, 84/11/16, 8411200235.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411290067 Monthly repts for Oct 1984 for discharge monitoring program. Monitoring rept Form G-2 & static bioassay rept encl.
THORNBERRY, R.C. Pacific Gas & Electric Co. 84/11/19. JONES, K.R. California, State of. 10pp. 27721:106. 24X Fiche: 50-275, 84/11/19, 8411290067.

DOCKETED ITEMS

S Reportable occurrences, LERs & related correspondence

B411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T. D. Ruston Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement app. 27549:242. 24X Fiche: 50-277, 84/11/06, B411190524.

U Congressional/Executive Correspondence

B411150120 Responds to B41025 request for Commission views on whether public interest would be better served by continuing to maintain confidentiality of plant transcripts. Confidentiality should be maintained. PALLADINO, N. J. Commissioners. 84/10/29. MARKEY, E. House of Rep., Interior & Insular Affairs. 3pp. 27543:286. 24X Fiche: 50-275, 84/10/29, B411150120.

B411130614 Registers disagreement w/Commissioner Asselstine comments at field oversight hearing. Asselstine comments re NRC preoccupation w/avoiding licensing delays & suggestion that NRC has lost sight of mission disputed for record. PALLADINO, N. J. Commissioners. 84/10/31. PATTERSON, J. House of Rep. 2pp. 27471:324. 24X Fiche: 50-275, 84/10/31, B411130614.

B411210178 Responds to B41026 ltr on Commission decision re earthquakes & emergency planning. Transcripts leading to decision may be withheld under Exemption 10 of Sunshine Act. Commission believes transcripts should not be publicly released. PALLADINO, N. J. Commissioners. 84/11/09. OTTINGER, R. L. House of Rep., Energy & Commerce. 3pp. 27624:344. 24X Fiche: 50-275, 84/11/09, B411210178.

--B411210183 Requests Commission review & correct misrepresentations contained in B41016 brief for respondents & release transcripts & supporting documents provided in B40925 response to subcommittee. OTTINGER, R. L. House of Rep., Energy & Commerce. 84/10/26. PALLADINO, N. J. Commissioners. 3pp. 27624:347. 24X Fiche: 50-275, 84/11/09, B411210178.

DOCKET 50-276 GEORGIA TECH RESEARCH REACTOR

P. Operating license stage documents & correspondence

B411210353 Forwards notice of proposed issuance of orders authorizing disposition of component parts & terminating License R-111. THOMAS, C. D. Standardization & Special Projects Branch. 84/11/13. KARAH, R. A. Georgia Institute of Technology, Atlanta, GA. 4pp. 27617:139. 24X Fiche: 50-276, 84/11/13, B411210353.

--B411210354 Notice of proposed issuance of orders authorizing disposition of component parts & terminating License R-111. THOMAS, C. D. Standardization & Special Projects Branch. 84/11/13. 5pp. 27617:143. 24X Fiche: 50-276, 84/11/13, B411210353.

DOCKET 50-277 PEACH BOTTOM ATOMIC POWER STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

B411010270 Forwards public version of revised emergency plan implementing procedures, including EP-209, App D-3 re fire & damage team & EP-316A re reading rapid dose assessment program into TI-59. DALTROFF, S. L. Philadelphia Electric Co. 84/09/14. MURLEY, T. E. Region 1, Office of Director. 4pp. 27264:002. 24X Fiche: 50-277, 84/09/14, B411010270.

--B411010274 Public version of revised emergency plan implementing procedures, including EP-209, App D-3 re fire & damage team & EP-316A re reading rapid dose assessment program into TI-59. W/JM Felton 841023 memo. * Philadelphia Electric Co. 84/08/21. 14pp. 27264:006. 24X Fiche: 50-277, 84/09/14, B411010270.

B411070178 Forwards public version of emergency plan implementing procedures, including EP-102 re unusual event response, EP-103 re alert response, EP-104 re site emergency response & EP-105 re general emergency response. DALTROFF, S. L. Philadelphia Electric Co. 84/10/11. MURLEY, T. E. Region 1, Office of Director. 3pp. 27387:001. 24X Fiche: 50-277, 84/10/11, B411070178.

--B411070182 Public version of emergency plan implementing procedures, including EP-102 re unusual event response, EP-103 re alert response, EP-104 re site emergency response & EP-105 re general emergency response W/B41029 release memo. * Philadelphia Electric Co. 84/09/21. 314pp. 27387:003. 24X Fiche: 50-277, 84/10/11, B411070178.

B41120355 Discusses Insp Repts 50-277/84-19 & 50-278/84-10 on B40625-29 & 0711 & forwards sanitized notice of violation. Inadequate supervision of physical protection program unresolved, per B40731 enforcement conference. MURLEY, T. E. Region 1, Office of Director. 84/10/25. DALTROFF, S. L. Philadelphia Electric Co. 3pp. 27436:340. 24X Fiche: 50-277, 84/10/25, B41120355.

--B41120362 Sanitized notice of violation from insp on B40625-29 & 0711 Violation noted: failure to record details of B40626 alarm response in security computer file, security force log & operators log. * Region 1, Office of Director. 84/10/25. 3pp. 27436:343. 24X Fiche: 50-277, 84/10/25, B41120355.

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1. MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. UDERITZ, R. A. Public Service Electric & Gas Co. of New Jersey. MCNEILL, C. A. Power Authority of the State of New York. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, B411210079.

B411090070 Requests review of security role in portal monitor control & dosimetry program requirements within 30 days. Meeting to discuss concerns re radiation protection program also requested. STAROSTECKI, R. Division of Project & Resident Programs. 84/11/06. DALTROFF, S. L. Philadelphia Electric Co. 2pp. 27398:241. 24X Fiche: 50-277, 84/11/06, B411090070.

B411160266 Forwards Insp Repts 50-277/84-31 & 50-278/84-25 on B40901-1010 & notice of violation. KISTER, H. B. Division of Project & Resident Programs. 84/11/08. DALTROFF, S. L. Philadelphia Electric Co. 2pp. 27537:307. 24X Fiche: 50-277, 84/11/08, B411160266.

--B411160300 Insp Repts 50-277/84-31 & 50-278/84-25 on B40901-1010. Violation noted: failure to post contaminated area. BLOUGH, A. R., WILLIAMS, J. H., GALLO, R. M. Region 1, Office of Director. 84/11/02. 13pp. 27537:310. 24X Fiche: 50-277, 84/11/08, B411160266.

B411190399 Rev 0 to Emergency Plan Implementing Procedure EP-316C, "Reading Refine Dose Assessment I Program Onto TI-59." W/B41114 ltr. DALTROFF, S. L. Philadelphia Electric Co. 84/11/14. MURLEY, T. E. Region 1, Office of Director. 7pp. 27551:160. 24X Fiche: 50-277, 84/11/14, B411190399.

B411200093 Forwards description of transient response implementation plan procedure training program & Rev 0 to Administrative Procedure A-94, "Procedure for Preparation & Control..." per NRC B40921 request & Suppl 1 to NUREG-0737. DALTROFF, S. L. Philadelphia Electric Co. 84/11/14. STOLZ, J. F. Operating Reactors Branch 4. 7pp. 27578:059. 24X Fiche: 50-277, 84/11/14, B411200093.

--B411200098 Rev 0 to Administrative Procedure A-94, "Procedure for Preparation & Control of Transient Response Implementation Plan (TRIP) Procedures." * Philadelphia Electric Co. 83/11/28. 60pp. 27578:066. 24X Fiche: 50-277, 84/11/14, B411200093.

B411260280 Forwards revs to physical security plan, reflecting results of NRC insps & discussions. Revs withheld (ref 10CFR73.21 & 2.790). BRADLEY, E. J. Philadelphia Electric Co. 84/11/14. Region 1, Office of Director. 4pp. 27614:063. 24X Fiche: 50-277, 84/11/14, B411260280.

B411260389 Submits addl info re location of technical support ctr outside plant protected area. W/three oversize figures. Aperture cards available in PDR. DALTROFF, S. L. Philadelphia Electric Co. 84/11/19. STOLZ, J. F. Operating Reactors Branch 4. 5pp. 27608:001. 24X Fiche: 50-277, 84/11/19, B411260389.

DOCKETED ITEMS

75

P. Operating license stage documents & correspondence

B411010157 Forwards Rev 2 to GA program description in FSAR as of Jan 1984. Changes do not reduce commitments in program description previously accepted by NRC.
DALTROFF, S.L. Philadelphia Electric Co. 84/10/22. MURLEY, T.E. Region 1, Office of Director. 2pp. 27230:237. 24X
Fiche: 50-277, 84/10/22, 8411010157.

--B411010165 Rev 2 to GA program for Peach Bottom Units 2 & 3.
* Philadelphia Electric Co. 84/10/31. 100pp. 27230:239. 24X
Fiche: 50-277, 84/10/22, 8411010157.

B411060558 Informs that actions stated in 840619 ltr re NUREG-0737, Item II, K. 3.16, "Feasibility Study - Challenges & Valve Failures" acceptable. Generic safety evaluation encl.
STOLZ, J.F. Operating Reactors Branch 4. 84/10/23. BAUER, E.G. Philadelphia Electric Co. 12pp. 27383:288. 24X
Fiche: 50-277, 84/10/23, 8411060558.

B410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X
Fiche: 50-000, 84/10/26, 8410290050.

B411050100 Forwards list of concerns re recirculation sys pipe replacement work. Evaluation requested within 30 days, per 10CFR19 & 20.
STAROSTECKI, R. Region 1, Office of Director. 84/10/29. DALTROFF, S.L. Philadelphia Electric Co. 3pp. 27301:360. 24X
Fiche: 50-277, 84/10/29, 8411050100.

B411050158 Forwards proprietary Rev 1 to Procedure TPP 519.1153, "Hydrogen Water Chemistry Mini Test." Test plan provides info on hydrogen injection test, per NRC 841017 request. Test scheduled for Unit 3 in Nov 1984. Test plan withheld.
DALTROFF, S.L. Philadelphia Electric Co. 84/10/29. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27301:321. 24X
Fiche: 50-277, 84/10/29, 8411050158.

B411060134 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Existing plant reliability program meets intent of Reg Guide 1.108 & recommendations of NUREG/CR-0660.
DALTROFF, S.L. Philadelphia Electric Co. 84/11/01. EISENHUT, D.G. Division of Licensing. 17pp. 27322:249. 24X
Fiche: 50-277, 84/11/01, 8411060134.

B411060247 Submits plans for responding to NUREG-0737, Item II, E. 4.2(7) re radiation signal on purge valves, undated safety evaluation & past licensing activities associated w/issue.
DALTROFF, S.L. Philadelphia Electric Co. 84/11/01. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27324:091. 24X
Fiche: 50-277, 84/11/01, 8411060247.

B411200295 Submits addl info re 811001 proposed emergency diesel generator fuel oil Tech Spec amend re maint of quality fuel in fuel oil storage tanks, clarification of removal of accumulated water from oil tanks & periodic cleaning.
DALTROFF, S.L. Philadelphia Electric Co. 84/11/15. STOLZ, J.F. Operating Reactors Branch 4. 10pp. 27572:129. 24X
Fiche: 50-277, 84/11/15, 8411200295.

G. Inspection reports, IE Bulletins & correspondence

B411030187 Forwards Insp Rept 50-277/84-22 on 840716-27 & notice of violation. Response to App C violations, stating actions to improve weakness, requested within 30 days.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/12. DALTROFF, S.L. Philadelphia Electric Co. 3pp. 27284:171. 24X
Fiche: 50-277, 84/10/12, 8411030187.

--B411030193 Notice of violation from insp on 840716-27.
* Region 1, Office of Director. 84/10/12. 3pp. 27284:174. 24X
Fiche: 50-277, 84/10/12, 8411030187.

--B411030200 Insp Rept 50-277/84-22 on 840716-27. Violation noted: failure to maintain certification requirements for QC inspectors.
GDDY, A.T. Division of Engineering & Technical Programs.
NAPUDA, G., BLOUGH, A.R. Region 1, Office of Director. 84/10/11. 38pp. 27284:177. 24X
Fiche: 50-277, 84/10/12, 8411030187.

B411090418 Forwards Insp Repts 50-277/84-24 & 50-278/84-20 on 840716-0831 & notice of violation.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/17. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27434:275. 24X
Fiche: 50-277, 84/10/17, 8411090418.

--B411090422 Notice of violation from insp on 840716-0831.
* Region 1, Office of Director. 84/10/17. 1p. 27434:277. 24X
Fiche: 50-277, 84/10/17, 8411090418.

--B411090429 Insp Repts 50-277/84-24 & 50-278/84-20 on 840716-0831. Violation noted: failure to perform written safety evaluation required by 10CFR50.59 for inoperable min flow valves in RHR sys.
BLOUGH, A.R., WILLIAMS, J.H., GALLO, R.M. Region 1, Office of Director. 84/10/12. 15pp. 27434:278. 24X
Fiche: 50-277, 84/10/17, 8411090418.

B411130239 Forwards Insp Repts 50-277/84-30 & 50-278/84-24 on 840904-07. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/17. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27459:300. 24X
Fiche: 50-277, 84/10/17, 8411130239.

--B411130245 Insp Repts 50-277/84-30 & 50-278/84-24 on 840904-07. No violations noted. Major areas inspected: licensee actions in response to torus mod requirements & IE Bulletin 78-11.
NARROW, L., DURR, J.P. Region 1, Office of Director. 84/10/10. 4pp. 27459:302. 24X
Fiche: 50-277, 84/10/17, 8411130239.

B411160033 Forwards Insp Repts 50-277/84-32 & 50-278/84-26 on 840913-19. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/24. DALTROFF, S.L. Philadelphia Electric Co. 1p. 27544:052. 24X
Fiche: 50-277, 84/10/24, 8411160033.

--B411160046 Insp Repts 50-277/84-32 & 50-278/84-26 on 840913-19. No violations noted. Major areas inspected: followup responses to Generic Ltr 83-28, equipment classification, post-maint testing & vendor interfaces.
HARPSTER, T.L., PRELL, J., SHAUB, E.T. Region 1, Office of Director. 84/10/16. 9pp. 27544:054. 24X
Fiche: 50-277, 84/10/24, 8411160033.

B411120355 Discusses Insp Repts 50-277/84-19 & 50-278/84-10 on 840625-29 & 0711 & forwards sanitized notice of violation. Inadequate supervision of physical protection program unresolved, per 840731 enforcement conference.
MURLEY, T.E. Region 1, Office of Director. 84/10/25. DALTROFF, S.L. Philadelphia Electric Co. 3pp. 27436:340. 24X
Fiche: 50-277, 84/10/25, 8411120355.

--B411120362 Sanitized notice of violation from insp on 840625-29 & 0711. Violation noted: failure to record details of 840626 alarm response in security computer file, security force log & operators log.
* Region 1, Office of Director. 84/10/25. 3pp. 27436:343. 24X
Fiche: 50-277, 84/10/25, 8411120355.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post B30103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X
Fiche: 50-000, 84/10/26, 8410250031.

B411130206 Informs of initiation of NRC review of proposed inservice insp program for second 10-yr insp interval. Request for addl info re requests for relief from Section XI of ASME Boiler & Pressure Vessel Code requirements encl.
STOLZ, J.F. Operating Reactors Branch 4. 84/10/29. BAUER, E.G. Philadelphia Electric Co. 5pp. 27480:137. 24X
Fiche: 50-277, 84/10/29, 8411130206.

B411210008 Advises that responses to IE Bulletin 80-11, "Masonry Wall Design," indicate full compliance w/masonry wall criteria w/exception of five walls requiring implementation of NRC staff position on use of energy balance technique.
EISENHUT, D.G. Division of Licensing. 84/10/30. BAUER, E.G. Philadelphia Electric Co. 8pp. 27625:051. 24X
Fiche: 50-277, 84/10/30, 8411210008.

--B4110120129 "Masonry Wall Design, Peach Bottom Atomic Power Station Units 2 & 3," technical evaluation rept.
TRILOLO, S. Franklin Institute/Franklin Research Center. NRC-03-81-130. TER-C5506-233. 84/09/12. CHOKSHI, N.C. NRC - No Detailed Affiliation Given. 35pp. 27625:059. 24X
Fiche: 50-277, 84/10/30, 8411210008.

--B4110120139 "Evaluation of Applicability of Nonlinear Analysis Techniques to Reinforced Masonry Walls in Nuclear Power Plants."
HARRIS, H.G. Drexel Univ., Philadelphia, PA. 84/08/31. NRC - No Detailed Affiliation Given. 12pp. 27625:094. 24X
Fiche: 50-277, 84/10/30, 8411210008.

DOCKETED ITEMS

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411140311 Forwards Exam Repts 50-277/84-28 & 50-278/84-28 of exams administered during wk of 840827.
GREENMAN, E.G. Division of Project & Resident Programs. 84/11/03.
DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27468:067. 24X Fiche: 50-277, 84/11/03, 8411140311.

--8411140323 Exam Repts 50-277/84-28 & 50-278/84-28 administered on 840828-30. Exam results: seven candidates passed & one failed.
BERRY, J., KELLER, R.M. Region 1, Office of Director. 84/11/02. 11pp. 27468:069. 24X Fiche: 50-277, 84/11/03, 8411140311.

--8411140327 Ack receipt of reactor operator & senior reactor operator written exams administered on 840828. Exams straightforward, comprehensive & fairly administered. List of four comments requiring addl ref matl for clarification of answers encl.
FLEISHMANN, R.S. Philadelphia Electric Co. 84/08/30.
GREENMAN, E.G. Region 1, Office of Director. 81pp. 27468:080. 24X Fiche: 50-277, 84/11/03, 8411140311.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411280602 Forwards Insp Repts 50-277/84-25 & 50-278/84-21 on 840820-23 & notice of violation.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/06.
DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27687:345. 24X Fiche: 50-277, 84/11/06, 8411280602.

--8411280603 Notice of violation from insp on 840820-23.
* Region 1, Office of Director. 84/11/06. 1p. 27687:347. 24X Fiche: 50-277, 84/11/06, 8411280602.

--8411280604 Insp Repts 50-277/84-25 & 50-278/84-21 on 840820-23. Violation noted: failure to implement procedure to track loss rate of TLDs by work group & failure to develop & apply TLD correction factor.
COSTELLO, F., JANG, J., CIOFFI, J. Region 1, Office of Director. 84/11/02. 7pp. 27687:348. 24X Fiche: 50-277, 84/11/06, 8411280602.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411160266 Forwards Insp Repts 50-277/84-31 & 50-278/84-25 on 840901-1010 & notice of violation.
KISTER, H.B. Division of Project & Resident Programs. 84/11/08.
DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27537:307. 24X Fiche: 50-277, 84/11/08, 8411160266.

--8411160277 Notice of violation from insp on 840910-1010.
* Region 1, Office of Director. 84/11/08. 1p. 27537:309. 24X Fiche: 50-277, 84/11/08, 8411160266.

--8411160300 Insp Repts 50-277/84-31 & 50-278/84-25 on 840901-1010. Violation noted: failure to post contaminated area.
BLOUGH, A.R., WILLIAMS, J.H., GALLO, R.M. Region 1, Office of Director. 84/11/02. 13pp. 27537:310. 24X Fiche: 50-277, 84/11/08, 8411160266.

8411190281 Responds to NRC 841012 ltr re violations noted in Insp Rept 50-277/84-22. Corrective actions: inspectors fully recertified, addl craft laborers hired to maintain housekeeping practices on job site & safety review completed.
KEMPER, J.S. Philadelphia Electric Co. 84/11/09. MARTIN, T.T. Division of Engineering & Technical Programs. 6pp. 27533:329. 24X Fiche: 50-277, 84/11/09, 8411190281.

8411260259 Responds to NRC 841017 ltr re violation noted in Insp Repts 50-277/84-24 & 50-278/84-20. Corrective actions: personnel instructed to discuss abnormal ECCS configurations w/senior engineer & not deactivate any min flow valves.
DALTROFF, S.L. Philadelphia Electric Co. 84/11/15. STAROSTECKI, R. Division of Project & Resident Programs. 3pp. 27613:141. 24X Fiche: 50-277, 84/11/15, 8411260259.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411050419 Thermal Mapping Repts 84-3, 84-4 & 84-5 re isotherm surveys for 841001:06 & 13, per App B to ETS, W/841030 ltr.
WILLSEY, W.B. Philadelphia Electric Co. 84/10/13. IPPOLITO, T.A. Operating Reactors Branch 3. 1p. 27297:346. 24X Fiche: 50-277, 84/10/13, 8411050419.

8411280035 Monthly operating repts for Oct 1984, W/841116 ltr.
ALDEN, W.M., ULLRICH, W.T. Philadelphia Electric Co. 84/10/31. 9pp. 27685:220. 24X Fiche: 50-277, 84/10/31, 8411280035.

V. Operator Examinations

8411140311 Forwards Exam Repts 50-277/84-28 & 50-278/84-28 of exams administered during wk of 840827.
GREENMAN, E.G. Division of Project & Resident Programs. 84/11/03.
DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27468:067. 24X Fiche: 50-277, 84/11/03, 8411140311.

--8411140323 Exam Repts 50-277/84-28 & 50-278/84-28 administered on 840828-30. Exam results: seven candidates passed & one failed.
BERRY, J., KELLER, R.M. Region 1, Office of Director. 84/11/02. 11pp. 27468:069. 24X Fiche: 50-277, 84/11/03, 8411140311.

--8411140327 Ack receipt of reactor operator & senior reactor operator written exams administered on 840828. Exams straightforward, comprehensive & fairly administered. List of four comments requiring addl ref matl for clarification of answers encl.
FLEISHMANN, R.S. Philadelphia Electric Co. 84/08/30.
GREENMAN, E.G. Region 1, Office of Director. 81pp. 27468:080. 24X Fiche: 50-277, 84/11/03, 8411140311.

DOCKET 50-278 PEACH BOTTOM ATOMIC POWER STATION, UNIT 3

F. Security, medical, emergency & fire protection plans

8411010270 Forwards public version of revised emergency plan implementing procedures, including EP-209, App D-3 re fire & damage team & EP-316A re reading rapid dose assessment program into TI-59.
DALTROFF, S.L. Philadelphia Electric Co. 84/09/14. MURLEY, T.E. Region 1, Office of Director. 4pp. 27264:002. 24X Fiche: 50-277, 84/09/14, 8411010270.

--8411010274 Public version of revised emergency plan implementing procedures, including EP-209, App D-3 re fire & damage team & EP-316A re reading rapid dose assessment program into TI-59, W/JM Falton 841023 memo.
* Philadelphia Electric Co. 84/08/21. 14pp. 27264:006. 24X Fiche: 50-277, 84/09/14, 8411010270.

8411070178 Forwards public version of emergency plan implementing procedures, including EP-102 re unusual event response, EP-103 re alert response, EP-104 re site emergency response & EP-105 re general emergency response.
DALTROFF, S.L. Philadelphia Electric Co. 84/10/11. MURLEY, T.E. Region 1, Office of Director. 2pp. 27387:001. 24X Fiche: 50-277, 84/10/11, 8411070178.

--8411070182 Public version of emergency plan implementing procedures, including EP-102 re unusual event response, EP-103 re alert response, EP-104 re site emergency response & EP-105 re general emergency response, W/841029 release memo.
* Philadelphia Electric Co. 84/09/21. 314pp. 27387:003. 24X Fiche: 50-277, 84/10/11, 8411070178.

DOCKETED ITEMS

77

841120355 Discusses Insp Repts 50-277/84-19 & 50-278/84-10 on 840625-29 & 0711 & forwards sanitized notice of violation. Inadequate supervision of physical protection program unresolved, per 840731 enforcement conference. MURLEY, T.E. Region 1, Office of Director. 84/10/25. DALTROFF, S.L. Philadelphia Electric Co. 3pp. 27436:340. 24X Fiche: 50-277, 84/10/25, 841120355.

---841120362 Sanitized notice of violation from insp on 840625-29 & 0711. Violation noted: failure to record details of 840626 alarm response in security computer file, security force log & operators log. * Region 1, Office of Director. 84/10/25. 3pp. 27436:343. 24X Fiche: 50-277, 84/10/25, 841120355.

841120079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecky at Region 1. MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. MCNEILL, C.A. Power Authority of the State of New York. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 841120079.

841109070 Requests review of security role in portal monitor control & dosimetry program requirements within 30 days. Meeting to discuss concerns re radiation protection program also requested. STAROSTECKI, R. Division of Project & Resident Programs. 84/11/06. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27398:241. 24X Fiche: 50-277, 84/11/06, 841109070.

841160266 Forwards Insp Repts 50-277/84-31 & 50-278/84-25 on 840901-1010 & notice of violation. KISTER, H.B. Division of Project & Resident Programs. 84/11/08. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27537:307. 24X Fiche: 50-277, 84/11/08, 841160266.

---841160300 Insp Repts 50-277/84-31 & 50-278/84-25 on 840901-1010. Violation noted: failure to post contaminated area. BLOUGH, A.R. Region 1, Office of Director. 84/11/02. 13pp. 27537:310. 24X Fiche: 50-277, 84/11/08, 841160266.

841190399 Rev O to Emergency Plan Implementing Procedure EP-316C. "Reading Refine Dose Assessment I Program Onto TI-59." W/841114 ltr. DALTROFF, S.L. Philadelphia Electric Co. 84/11/14. MURLEY, T.E. Region 1, Office of Director. 7pp. 27551:160. 24X Fiche: 50-277, 84/11/14, 841190399.

841120093 Forwards description of transient response implementation plan procedure training program & Rev O to Administrative Procedure A-94, "Procedure for Preparation & Control..." per NRC 840921 request & Suppl 1 to NUREG-0737. DALTROFF, S.L. Philadelphia Electric Co. 84/11/14. STOLZ, J.F. Operating Reactors Branch 4. 7pp. 27578:059. 24X Fiche: 50-277, 84/11/14, 841120093.

---841120098 Rev O to Administrative Procedure A-94, "Procedure for Preparation & Control of Transient Response Implementation Plan (TRIP) Procedures." * Philadelphia Electric Co. 83/11/28. 60pp. 27578:066. 24X Fiche: 50-277, 84/11/14, 841120093.

8411260280 Forwards revs to physical security plan, reflecting results of NRC insps & discussions. Revs withheld (ref 10CFR73.21 & 2.790). BRADLEY, E.J. Philadelphia Electric Co. 84/11/14. Region 1, Office of Director. 4pp. 27614:063. 24X Fiche: 50-277, 84/11/14, 8411260280.

8411260389 Submits addl info re location of technical support ctr outside plant protected area. W/three oversize figures. Aperture cards available in PDR. DALTROFF, S.L. Philadelphia Electric Co. 84/11/19. STOLZ, J.F. Operating Reactors Branch 4. 5pp. 27608:001. 24X Fiche: 50-277, 84/11/19, 8411260389.

P. Operating license stage documents & correspondence

8411010157 Forwards Rev 2 to GA program description in FSAR as of Jan 1984. Changes do not reduce commitments in program description previously accepted by NRC. DALTROFF, S.L. Philadelphia Electric Co. 84/10/22. MURLEY, T.E. Region 1, Office of Director. 2pp. 27230:237. 24X Fiche: 50-277, 84/10/22, 8411010157.

---8411010165 Rev 2 to GA program for Peach Bottom Units 2 & 3. * Philadelphia Electric Co. 84/10/31. 100pp. 27230:239. 24X Fiche: 50-277, 84/10/22, 8411010157.

8411060558 Informs that actions stated in 840619 ltr re NUREG-0737, Item II, K.3.16, "Feasibility Study - Challenges & Valve Failures" acceptable. Generic safety evaluation encl. STOLZ, J.F. Operating Reactors Branch 4. 84/10/23. BAUER, E.G. Philadelphia Electric Co. 12pp. 27383:288. 24X Fiche: 50-277, 84/10/23, 8411060558.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl. EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, 8410290050.

8411050158 Forwards proprietary Rev 1 to Procedure TPP 519.1153. "Hydrogen Water Chemistry Mini Test." Test plan provides info on hydrogen injection test, per NRC 841017 request. Test scheduled for Unit 3 in Nov 1984. Test plan withheld. DALTROFF, S.L. Philadelphia Electric Co. 84/10/29. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27301:321. 24X Fiche: 50-277, 84/10/29, 8411050158.

8411060134 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Existing plant reliability program meets intent of Reg Guide 1.108 & recommendations of NUREG/CR-0660. DALTROFF, S.L. Philadelphia Electric Co. 84/11/01. EISENHUT, D.G. Division of Licensing. 17pp. 27322:249. 24X Fiche: 50-277, 84/11/01, 8411060134.

8411060247 Submits plans for responding to NUREG-0737, Item II.E.4.2(7) re radiation signal on purge valves, undated safety evaluation & past licensing activities associated w/issue. DALTROFF, S.L. Philadelphia Electric Co. 84/11/01. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27324:091. 24X Fiche: 50-277, 84/11/01, 8411060247.

8411200295 Submits addl info re 811001 proposed emergency diesel generator fuel oil Tech Spec amend re maint of quality fuel in fuel oil storage tanks, clarification of removal of accumulated water from oil tanks & periodic cleaning. DALTROFF, S.L. Philadelphia Electric Co. 84/11/15. STOLZ, J.F. Operating Reactors Branch 4. 10pp. 27572:129. 24X Fiche: 50-277, 84/11/15, 8411200295.

Q. Inspection reports, IE Bulletins & correspondence

8411090418 Forwards Insp Repts 50-277/84-24 & 50-278/84-20 on 840716-0831 & notice of violation. STAROSTECKI, R. Division of Project & Resident Programs. 84/10/17. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27434:275. 24X Fiche: 50-277, 84/10/17, 8411090418.

---8411090422 Notice of violation from insp on 840716-0831. * Region 1, Office of Director. 84/10/17. 1p. 27434:277. 24X Fiche: 50-277, 84/10/17, 8411090418.

---8411090429 Insp Repts 50-277/84-24 & 50-278/84-20 on 840716-0831. Violation noted: failure to perform written safety evaluation required by 10CFR50.59 for inoperable min flow valves in RHR sys. BLOUGH, A.R., WILLIAMS, J.H., GALLO, R.M. Region 1, Office of Director. 84/10/12. 15pp. 27434:278. 24X Fiche: 50-277, 84/10/17, 8411090418.

8411130239 Forwards Insp Repts 50-277/84-30 & 50-278/84-24 on 840904-07. No violations noted. MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/17. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27459:300. 24X Fiche: 50-277, 84/10/17, 8411130239.

---8411130245 Insp Repts 50-277/84-30 & 50-278/84-24 on 840904-07. No violations noted. Major areas inspected: licensee actions in response to torus mod requirements & IE Bulletin 78-11. NARRON, L., DURR, J.P. Region 1, Office of Director. 84/10/10. 4pp. 27459:302. 24X Fiche: 50-277, 84/10/17, 8411130239.

841160033 Forwards Insp Repts 50-277/84-32 & 50-278/84-26 on 840913-19. No violations noted. MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/24. DALTROFF, S.L. Philadelphia Electric Co. 1p. 27544:052. 24X Fiche: 50-277, 84/10/24, 841160033.

---841160046 Insp Repts 50-277/84-32 & 50-278/84-26 on 840913-19. No violations noted. Major areas inspected: followup responses to Generic Ltr 83-28, equipment classification, post-maint testing & vendor interfaces. HARPSTER, T.L., PRELL, J., SHAUB, E.T. Region 1, Office of Director. 84/10/16. 9pp. 27544:054. 24X Fiche: 50-277, 84/10/24, 841160033.

DOCKETED ITEMS

B41120355 Discusses Insp Repts 50-277/84-19 & 50-278/84-10 on 840625-29 & 0711 & forwards sanitized notice of violation. Inadequate supervision of physical protection program unresolved per 840731 enforcement conference. MURLEY, T.E. Region 1, Office of Director. 84/10/25. DALTROFF, S.L. Philadelphia Electric Co. 3pp. 27436:340. 24X Fiche: 50-277, 84/10/25, 841120355.

--B41120362 Sanitized notice of violation from insp on 840625-29 & 0711. Violation noted: failure to record details of 840626 alarm response in security computer file, security force log & operators log. * Region 1, Office of Director. 84/10/25. 3pp. 27436:343. 24X Fiche: 50-277, 84/10/25, 841120362.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECI Eldorado-78)." Svc list encl. ORACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

B41130206 Informs of initiation of NRC review of proposed inservice insp program for second 10-yr insp interval. Request for addl info re requests for relief from Section XI of ASME Boiler & Pressure Vessel Code requirements encl. STOLZ, J.F. Operating Reactors Branch 4. 84/10/29. BAUER, E.G. Philadelphia Electric Co. 5pp. 27480:137. 24X Fiche: 50-277, 84/10/29, 841130206.

B411210008 Advises that responses to IE Bulletin 80-11, "Masonry Wall Design," indicate full compliance w/masonry wall criteria w/exception of five walls requiring implementation of NRC staff position on use of energy balance technique. EISENHUT, D.G. Division of Licensing. 84/10/30. BAUER, E.G. Philadelphia Electric Co. 8pp. 27625:051. 24X Fiche: 50-277, 84/10/30, 8411210008.

--B410120129 "Masonry Wall Design, Peach Bottom Atomic Power Station Units 2 & 3," technical evaluation rept. TRIDLO, S. Franklin Institute/Franklin Research Center. NRC-03-81-130. TER-C5506-233. 84/09/12. CHOKSHI, N.C. NRC - No Detailed Affiliation Given. 35pp. 27625:059. 24X Fiche: 50-277, 84/10/30, 8411210008.

--B410120139 "Evaluation of Applicability of Nonlinear Analysis Techniques to Reinforced Masonry Walls in Nuclear Power Plants." HARRIS, H.G. Drexel Univ., Philadelphia, PA. 84/08/31. NRC - No Detailed Affiliation Given. 12pp. 27625:094. 24X Fiche: 50-277, 84/10/30, 8411210008.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

B41140311 Forwards Exam Repts 50-277/84-28 & 50-278/84-28 of exams administered during wk of 840827. GREENMAN, E.G. Division of Project & Resident Programs. 84/11/03. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27468:067. 24X Fiche: 50-277, 84/11/03, 841140311.

--B41140323 Exam Repts 50-277/84-28 & 50-278/84-28 administered on 840828-30. Exam results: seven candidates passed & one failed. BERRY, J. KELLER, R.M. Region 1, Office of Director. 84/11/02. 11pp. 27468:069. 24X Fiche: 50-277, 84/11/03, 841140311.

--B41140327 Ack receipt of reactor operator & senior reactor operator written exams administered on 840828. Exams straightforward, comprehensive & fairly administered. List of four comments requiring addl ref matl for clarification of answers encl. FLEISHMANN, R.S. Philadelphia Electric Co. 84/08/30. GREENMAN, E.G. Region 1, Office of Director. 81pp. 27468:080. 24X Fiche: 50-277, 84/11/03, 841140311.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

B411280602 Forwards Insp Repts 50-277/84-25 & 50-278/84-21 on 840820-23 & notice of violation. MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/06. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27687:345. 24X Fiche: 50-277, 84/11/06, 8411280602.

--B411280603 Notice of violation from insp on 840820-23. * Region 1, Office of Director. 84/11/06. 1p. 27687:347. 24X Fiche: 50-277, 84/11/06, 8411280602.

--B411280604 Insp Repts 50-277/84-25 & 50-278/84-21 on 840820-23. Violation noted: failure to implement procedure to track loss rate of TLDs by work group & failure to develop & apply TLD correction factor. COSTELLO, F., JANG, J., CIOFFI, J. Region 1, Office of Director. 84/11/02. 7pp. 27687:348. 24X Fiche: 50-277, 84/11/06, 8411280602.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

B411060266 Forwards Insp Repts 50-277/84-31 & 50-278/84-25 on 840901-1010 & notice of violation. KISTER, H.B. Division of Project & Resident Programs. 84/11/08. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27537:307. 24X Fiche: 50-277, 84/11/08, 8411060266.

--B41140300 Insp Repts 50-277/84-31 & 50-278/84-25 on 840901-1010. Violation noted: failure to post contaminated area. BLOUGH, A.R., WILLIAMS, J.H., GALLO, R.M. Region 1, Office of Director. 84/11/02. 13pp. 27537:310. 24X Fiche: 50-277, 84/11/08, 841140300.

B411260259 Responds to NRC 841017 ltr re violation noted in Insp Repts 50-277/84-24 & 50-278/84-20. Corrective actions: personnel instructed to discuss abnormal ECCS configurations w/senior engineer & not deactivate any min flow valves. DALTROFF, S.L. Philadelphia Electric Co. 84/11/15. STAROSTECKI, R. Division of Project & Resident Programs. 3pp. 27613:141. 24X Fiche: 50-277, 84/11/15, 8411260259.

B41150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

B41150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

B41150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

B411050419 Thermal Mapping Repts 84-3, 84-4 & 84-5 re isotherm surveys for 841001, 06 & 13, per App B to ETS, W/841030 ltr. WILLBEY, W.B. Philadelphia Electric Co. 84/10/13. IPPOLITO, T.A. Operating Reactors Branch 3. 1p. 27297:346. 24X Fiche: 50-277, 84/10/13, 8411050419.

B411280035 Monthly operating repts for Oct 1984, W/841116 ltr. ALDEN, W.M., ULLRICH, W.T. Philadelphia Electric Co. 84/10/31. 9pp. 27685:220. 24X Fiche: 50-277, 84/10/31, 8411280035.

S. Reportable occurrences, LERs & related correspondence

B41120266 Forwards Technical Review AEOD/T421, "Design Deficiency in Standby Gas Treatment Sys." No further AEOD actions required. CHIRAMAL, M. Reactor Operations Analysis Branch. 84/08/23. SEYFRIT, K.V. Reactor Operations Analysis Branch. 1p. 27435:357. 24X Fiche: 50-278, 84/08/23, 841120266.

--B41120268 "Design Deficiency in Standby Gas Treatment Sys (SBGTS)," technical review rept. * Director's Office. 84/08/23. 3pp. 27435:358. 24X Fiche: 50-278, 84/08/23, 841120266.

V. Operator Examinations

B41140311 Forwards Exam Repts 50-277/84-28 & 50-278/84-28 of exams administered during wk of 840827. GREENMAN, E.G. Division of Project & Resident Programs. 84/11/03. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 24X Fiche: 50-277, 84/11/03, 841140311.

--B41140323 Exam Repts 50-277/84-28 & 50-278/84-28 administered on 840828-30. Exam results: seven candidates passed & one failed. BERRY, J. Region 1, Office of Director. 84/11/02. 11pp. 24X Fiche: 50-277, 84/11/03, 841140311.

DOCKETED ITEMS

79

--8411140327 Ack receipt of reactor operator & senior reactor operator written exams administered on 840828. Exams straightforward, comprehensive & fairly administered. List of four comments requiring addl ref matl for clarification of answers encl. FLEISHMANN, R. S. Philadelphia Electric Co. 84/08/30. GREENMAN, E. G. Region 1, Office of Director. 81pp. 24X Fiche: 50-277, 84/11/03, 8411140311.

DOCKET 50-280 SURRY POWER STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411130707 Forwards Insp Repts 50-280/84-26 & 50-281/84-26 on 840901-28. No violation or deviation noted. DANCE, H. C. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27461:215. 24X Fiche: 50-280, 84/10/11, 8411130707.

--8411130713 Insp Repts 50-280/84-24 & 50-281/84-26 on 840901-28. No violation or deviation noted. Major areas inspected: operations operating records, maint & surveillance, security, followup of events & LERS. BURKE, D. J., DAVIS, M. J., ELROD, S. Region 2, Office of Director. 84/10/05. 5pp. 27461:217. 24X Fiche: 50-280, 84/10/11, 8411130707.

8411140593 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule. LEWIS, R. C. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27495:095. 24X Fiche: 50-000, 84/10/11, 8411140593.

8411150153 Forwards Insp Repts 50-280/84-27 & 50-281/84-27 on 840919-20. No violations or deviations noted. BROWNLEE, V. L. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27530:001. 24X Fiche: 50-280, 84/10/11, 8411150153.

--8411150157 Insp Repts 50-280/84-27 & 50-281/84-27 on 840919-20. No violations noted. Major areas inspected: emergency preparedness exercise. DECKER, T. R., CLINE, W. E. Region 2, Office of Director. 84/10/10. 8pp. 27530:003. 24X Fiche: 50-280, 84/10/11, 8411150153.

8411030266 Informs of 84108-09 in-process audit of detailed control room design review to clarify aspects of review process & evaluate results of review to date. Access to control room area & simulator for NRC requested. VARGA, S. A. Operating Reactors Branch 1. 84/10/19. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27309:331. 24X Fiche: 50-000, 84/10/19, 8411030266.

8411150126 Summary of 841024 meeting w/util in Bethesda, MD re status of App R reanalysis. Util 840706 request for exemptions will be supplemented on 841130. List of attendees & viewgraphs encl. NEIGHBORS, J. D. Operating Reactors Branch 1. 84/11/01. Operating Reactors Branch 1. 28pp. 27543:257. 24X Fiche: 50-280, 84/11/01, 8411150126.

8411200391 Forwards addl info re safety parameter display sys, in response to 840830 request. STEWART, W. L. Virginia Electric & Power Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 10pp. 27569:039. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200393 Rev B to "Nuclear Environ Qualification of Remote Multiplexer Unit Models MC170AD-G2 & MC370AD-G2 & Associated PC Boards & Plug-In Modules." KOPP, J. E., MERRITT, O. A., MARSHALL, R. Validyne Engineering Corp. QTR 82-002 RB. 82/10/31. 128pp. 27569:049. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200395 "Nuclear Environ Qualification of Module Case & Electric & Electronic Components of PC Boards & Plug-In Modules of Remote Multiplexer Units, Models MC170AD-G2 & MC370AD-G2 for Validyne Engineering Corp." ANDERSON, J. J., GOAD, L. F., SHIPWAY, G. D. Wyle Laboratories. 58666. 81/12/16. 235pp. 27569:177. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200396 Rev O to Procedure 466, "Insp Record Checklist." MARSHALL, R. Validyne Engineering Corp. 81/10/02. 8pp. 27570:032. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200398 Rev 4 to Procedure 9833, "Design Spec for HD310 High Speed Data Acquisition Sys." * Validyne Engineering Corp. 80/11/19. 19pp. 27570:060. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200400 Rev 13 to Procedure 9834, "Qualification Spec for Remote Multiplexer Units & Associated Signal Conditioner Modules." * Validyne Engineering Corp. 81/12/08. 11pp. 27570:079. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200402 Procedure 466, "Remote Multiplexer Integrated Functional Test Procedure." * Validyne Engineering Corp. 84/11/05. 12pp. 27570:090. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200405 Rev B to Acceptance Test Procedure ATP442 "MC170AD-G2 (Less Plug-In Cards)." * Validyne Engineering Corp. 81/01/15. 9pp. 27570:102. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200408 Rev A to Acceptance Test Procedure ATP464, "MC370AD-G2 (Less Plug-In Cards)." * Validyne Engineering Corp. 81/10/29. 11pp. 27570:111. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200411 Acceptance Test Procedure ATP445, "AB295-G2 Analog Board Assembly." * Validyne Engineering Corp. 80/12/10. 7pp. 27570:122. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200415 Rev A to Acceptance Test Procedure ATP 447, "AD296-G2-1, -2 Digital PCBA." * Validyne Engineering Corp. 81/01/15. 11pp. 27570:129. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200418 Rev A to Acceptance Test Procedure ATP 451, "PS294-G2." KAMERMAN, L. Validyne Engineering Corp. 81/02/26. 8pp. 27570:140. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200421 Rev A to Acceptance Test Procedure ATP454, "PS171-G2 Power Supply for MC170." KAMERMAN, L. Validyne Engineering Corp. 81/05/28. 9pp. 27570:148. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200423 Rev A to Acceptance Test Procedure ATP440, "CM249-G2 Carrier Modulator." * Validyne Engineering Corp. 81/03/26. 13pp. 27570:157. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200426 Rev A to Acceptance Test Procedure ATP450, "BA332-G2 Buffer Amplifier." KAMERMAN, L. Validyne Engineering Corp. 81/05/28. 16pp. 27570:170. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200428 Rev C to Acceptance Test Procedure ATP 452, "DI325-G2 Digital Encoder, Four Input." KAMERMAN, L. Validyne Engineering Corp. 81/06/30. 16pp. 27570:186. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200431 Rev A to Acceptance Test Procedure ATP444-1, "PT174-1-G2 Thermometer Signal Conditioner." KAMERMAN, L. Validyne Engineering Corp. 81/04/14. 12pp. 27570:202. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200433 Rev B to Acceptance Test Procedure ATP444-2, "PT174-2-G2 Resistance Thermometer Signal Conditioner." KAMERMAN, L. Validyne Engineering Corp. 81/04/13. 13pp. 27570:214. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200436 Acceptance Test Procedure ATP 453, "TC292-G2 Thermocouple Conditioner." KAMERMAN, L. Validyne Engineering Corp. 81/04/13. 12pp. 27570:227. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200437 Rev A to Acceptance Test Procedure ATP449, "PC202-G2 Buffer Amplifier." KAMERMAN, L. Validyne Engineering Corp. 81/05/28. 18pp. 27570:239. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200441 Rev B to Acceptance Test Procedure ATP443, "CD173-G2 High-Gain Carrier Demodulator." KAMERMAN, L. Validyne Engineering Corp. 81/04/17. 17pp. 27570:237. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200444 Acceptance Test Procedure ATP446, "JC177-G2 Jumper Card." KAMERMAN, L. Validyne Engineering Corp. 81/04/09. 9pp. 27570:274. 24X Fiche: 50-000, 84/11/05, 8411200391.

--8411200448 Qualification Test Rept QTR 82-003, "Surge Withstand Capability Tests, MC170AD-G2 & MC370AD-G2." MARSHALL, R. Validyne Engineering Corp. 83/04/21. 6pp. 27570:284. 24X Fiche: 50-000, 84/11/05, 8411200391.

DOCKETED ITEMS

8411260345 Forwards revised emergency plan & Rev 4 to Emergency Plan Implementing Procedure EPIP-4.02, "Radiation Protection Supervisor Controlling Procedure."
STEWART, W. L. Virginia Electric & Power Co. 84/11/16. O'REILLY, J. P. 27608:298. 24X
Fiche: 50-280, 84/11/16, 8411260345.

--8411260355 Revised emergency plan.
BENSON, D. L. Virginia Electric & Power Co. 84/10/18. 7pp.
27608:300. 24X Fiche: 50-280, 84/11/16, 8411260345.

--8411260362 Rev 4 to Emergency Plan Implementing Procedure EPIP-4.02, "Radiation Protection Supervisor Controlling Procedure."
* Virginia Electric & Power Co. 84/10/23. 18pp. 27608:307. 24X
Fiche: 50-280, 84/11/16, 8411260345.

P. Operating license stage documents & correspondence

8411090427 Forwards Amends 98 & 97 to Licenses DPR-32 & DPR-37, respectively & safety evaluation. Amends revise Tech Specs to change status of opposite unit auxiliary feedwater pump limiting condition for operation.
NEIGHBORS, J. D. Operating Reactors Branch 1. 84/10/12. STEWART, W. L. Virginia Electric & Power Co. 3pp. 27419:336. 24X
Fiche: 50-280, 84/10/12, 8411090427.

--8411090432 Amends 98 & 97 to Licenses DPR-32 & DPR-37, respectively, revising Tech Specs to change status of opposite unit auxiliary feedwater pump limiting condition for operation from operable to available.
VARGA, S. A. Operating Reactors Branch 1. 84/10/12. 11pp. 27419:339. 24X Fiche: 50-280, 84/10/12, 8411090427.

--8411090435 SER supporting Amends 98 & 97 to Licenses DPR-32 & DPR-37, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/12. 2pp. 27419:350. 24X Fiche: 50-280, 84/10/12, 8411090427.

8411070278 Forwards Amends 100 & 99 to Licenses DPR-32 & DPR-37, respectively & safety evaluation. Amends change Tech Specs to add listed NUREG-0737 items, including II.B.1 & II.F.1.1, per Generic Ltr 83-27.
NEIGHBORS, J. D. Operating Reactors Branch 1. 84/10/15. STEWART, W. L. Virginia Electric & Power Co. 3pp. 27388:051. 24X
Fiche: 50-280, 84/10/15, 8411070278.

--8411070305 Amends 100 & 99 to Licenses DPR-32 & DPR-37, respectively, changing Tech Spec re TMI items for relief valves, reactor vessel head vents & chlorine room detection sys.
VARGA, S. A. Operating Reactors Branch 1. 84/10/15. 25pp. 27388:054. 24X Fiche: 50-280, 84/10/15, 8411070278.

--8411070313 Safety evaluation supporting Amends 100 & 99 to Licenses DPR-32 & DPR-37, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/15. 4pp. 27388:079. 24X Fiche: 50-280, 84/10/15, 8411070278.

8411010242 Surry Unit 1. "Cycle 7 Core Performance Rept." W/841025 ltr. BROOKMIRE, T. A., SNOW, C. T., STEWART, W. L. Virginia Electric & Power Co. VEP-NDS-12. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 54pp. 27230:183. 24X Fiche: 50-280, 84/10/31, 8411010242.

8411130636 SECONDARY SIDE PHOTOGRAPHIC TECHNIQUES USED IN CHARACTERIZATION OF SURRY STEAM GENERATOR.
SINCLAIR, R. B. Battelle Memorial Institute. Pacific Northwest Laboratories. FIN B-2097. NUREG/CR-3094. 84/10/31. Division of Engineering Technology. 45pp. 27477:112. 24X Fiche: 50-280, 84/10/31, 8411130636.

8411130703 Requests addl fee for 840209 application to amend Licenses DPR-32 & DPR-37, revising Tech Specs re NUREG-0737 requirements.
DIGGS, R. M. License Fee Management Branch. 84/10/31. STEWART, W. L. Virginia Electric & Power Co. 1p. 27471:210. 24X
Fiche: 50-280, 84/10/31, 8411130703.

8411190303 Forwards response to NRC 840209 request for addl info re NUREG-0737, TMI Action Item II.D.1 concerning relief & safety valve testing. Info prepared by SKW, per 840501 ltr.
STEWART, W. L. Virginia Electric & Power Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 123pp. 27554:193. 24X
Fiche: 50-280, 84/10/31, 8411190303.

8411270519 Informs that Condition IV.5 of 790822 order lifting suspension of facility operation rescinded since all analyses & mods completed & requirements of 790313 & 0822 orders fulfilled.
VARGA, S. A. Operating Reactors Branch 1. 84/10/31. STEWART, W. L. Virginia Electric & Power Co. 4pp. 27671:245. 24X
Fiche: 50-280, 84/10/31, 8411270519.

8411080216 Application for amends to Licenses DPR-32 & DPR-37, reflecting reorganization of nuclear operations dept & other reorganizations within GA dept & maint & performance dept. Fee paid.
STEWART, W. L. Virginia Electric & Power Co. 84/11/02. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 3pp. 27392:201. 24X
Fiche: 50-280, 84/11/02, 8411080216.

--8411080221 Proposed Tech Specs changing reorganization of nuclear operations dept, other reorganizations within GA dept & maint & performance dept.
* Virginia Electric & Power Co. 84/11/02. 16pp. 27392:204. 24X
Fiche: 50-280, 84/11/02, 8411080216.

8411260380 Requests extension until 850331 to complete environ qualification of GE charging pump component cooling water pump motors. Justification for continued operation encl.
STEWART, W. L. Virginia Electric & Power Co. 84/11/15. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 2pp. 27609:312. 24X
Fiche: 50-280, 84/11/15, 8411260380.

G. Inspection reports, IE Bulletins & correspondence

8410040521 Ack receipt of 840907 ltr & payment in amount of \$40,000 for civil penalties proposed in NRC 840730 ltr. Corrective actions described in ltr will be examined during future insp.
AXELRAD, J. A. Director's Office, Office of Inspection and Enforcement. 84/09/25. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27395:144. 24X Fiche: 50-280, 84/09/25, 8410040521.

--8411080399 Forwards Insp Repts 50-280/11 & 50-281/84-11 on 840320-23. Enforcement action related to insps addressed to util in Regional Administrator 840730 ltr.
LEWIS, R. C. Region 2, Office of Director. 84/07/30. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27395:161. 24X
Fiche: 50-280, 84/09/25, 8410040521.

--8411080403 Insp Repts 50-280/84-11 & 50-281/84-11 on 840320-23. Apparent violation noted: inadequate snubber svc life monitoring program.
LENAHAN, J. J., JAPE, F. Region 2, Office of Director. 84/07/27. 6pp. 27395:163. 24X Fiche: 50-280, 84/09/25, 8410040521.

8411080285 Forwards response to IE Bulletin 84-03, "Refueling Cavity Water Seal." Refueling cavity water seal used at facility adequate based on design differences between seals at Surry & failed seals at Haddam Neck.
STEWART, W. L. Virginia Electric & Power Co. 84/10/09. O'REILLY, J. P. Region 2, Office of Director. 5pp. 27392:073. 24X
Fiche: 50-280, 84/10/09, 8411080285.

8411130707 Forwards Insp Repts 50-280/84-26 & 50-281/84-26 on 840901-28. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27461:215. 24X
Fiche: 50-280, 84/10/11, 8411130707.

--8411130713 Insp Repts 50-280/84-26 & 50-281/84-26 on 840901-28. No violation or deviation noted. Major areas inspected: operations operating records, maint & surveillance, security, followup of events & LERs.
BURKE, D. J., DAVIS, M. J., ELROD, S. Region 2, Office of Director. 84/10/05. 5pp. 27461:217. 24X Fiche: 50-280, 84/10/11, 8411130707.

8411140542 Forwards Insp Repts 50-280/84-29 & 50-281/84-29 on 840924-27. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27495:215. 24X
Fiche: 50-280, 84/10/11, 8411140542.

--8411140546 Insp Repts 50-280/84-29 & 50-281/84-29 on 840924-27. No violation or deviation noted. Major areas inspected: previous enforcement matters, inservice testing program for pumps & valves & inspector followup items.
GIRARD, E. H., BLAKE, J. J. Region 2, Office of Director. 84/10/10. 6pp. 27495:217. 24X Fiche: 50-280, 84/10/11, 8411140542.

8411150153 Forwards Insp Repts 50-280/84-27 & 50-281/84-27 on 840919-20. No violations or deviations noted.
BROWNLEE, V. L. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27530:001. 24X
Fiche: 50-280, 84/10/11, 8411150153.

--8411150157 Insp Repts 50-280/84-27 & 50-281/84-27 on 840919-20. No violations noted. Major areas inspected: emergency preparedness exercise.
DECKER, T. R., CLINE, W. E. Region 2, Office of Director. 84/10/10. 8pp. 27530:003. 24X Fiche: 50-280, 84/10/11, 8411150153.

DOCKETED ITEMS

81

B411140048 Ack receipt of supplemental B41001 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-280/B4-15 & 50-281/B4-15.
DANCE, H. C. Region 2, Office of Director. 84/10/17. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27493:287. 24X
Fiche: 50-280, 84/10/17, B411140048.

B411130578 Informs of plans to conduct special insp of training programs at Surry during B41105-09 & North Anna during B41126-30. Insp will assess effectiveness of programs. Insp plan encl. W/o encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/18. STEWART, W. L. Virginia Electric & Power Co. 1p. 27461:293. 24X
Fiche: 50-000, 84/10/18, B411130578.

B411130506 Forwards Exam Rept 50-280/OL-B4-01 on B40618-22.
BROWNLEE, V. L. Region 2, Office of Director. 84/10/19. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27463:146. 24X
Fiche: 50-280, 84/10/19, B411130506.

--B411130509 Exam Rept 50-280/OL-B4-01 on B40618-22. Exam results: 9 of 15 candidates passed.
NORRIS, T. L., WILSON, B. A. Region 2, Office of Director. 84/10/15. 87pp. 27463:148. 24X Fiche: 50-280, 84/10/19, B411130506.

--B411130515 Presents addl comments re util review of NRC licensing exams conducted on B40618. Exam improperly weighted toward minor operational items at expense of sys & topics more relevant to public health & safety. W/o stated encl.
EDMONDS, L. L. Virginia Electric & Power Co. 84/06/22. NORRIS, T. Division of Engineering & Operational Programs. 2pp. 27463:237. 24X Fiche: 50-280, 84/10/19, B411130506.

B410250031 IE Info Notice B4-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
ORACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, B410250031.

B411010388 IE Info Notice B4-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, B411010388.

B411010487 IE Info Notice B4-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, B411010487.

B411060254 IE Info Notice B4-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, B411060254.

B411150041 IE Info Notice B4-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, B411150041.

B411150072 Suppl 1 to IE Info Notice B4-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, B411150072.

B411150054 IE Info Notice B4-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, B411150054.

R. Periodic operating reports & related correspondence

B411130338 Monthly operating repts for Sept 1984. W/B41015 ltr.
JONES, V., STEWART, W. L. Virginia Electric & Power Co. 84/09/30. BEEBE, M. R. Office of Resource Management, Director. 36pp. 27529:091. 24X Fiche: 50-280, 84/09/30, B411130338.

S. Reportable occurrences, LERs & related correspondence

B411060090 LER B4-020-00: on B40926, reactor trip occurred as result of reactor coolant pump motor C trip. Caused by complete fracture of Phase A main load connection bus bar. All main load connection bus bars replaced. W/B41026 ltr.
SAUNDERS, R. F. Virginia Electric & Power Co. 84/10/26. 4pp. 27351:355. 24X Fiche: 50-280, 84/10/26, B411060090.

B411280356 NPDES noncompliance notification: on B41107, 4 h composite sample for total suspended solids exceeded permit limit. Caused by increased hydraulic load at peak flow times. Daily wasting of clarifier sludge undertaken.
TAYLOR, J. A. Virginia Electric & Power Co. 84/11/14. JENKINS, R. R. Virginia, Commonwealth of. 1p. 27689:151. 24X
Fiche: 50-280, 84/11/14, B411280356.

V. Operator Examinations

B411130506 Forwards Exam Rept 50-280/OL-B4-01 on B40618-22.
BROWNLEE, V. L. Region 2, Office of Director. 84/10/19. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27463:146. 24X
Fiche: 50-280, 84/10/19, B411130506.

--B411130509 Exam Rept 50-280/OL-B4-01 on B40618-22. Exam results: 9 of 15 candidates passed.
NORRIS, T. L., WILSON, B. A. Region 2, Office of Director. 84/10/15. 87pp. 27463:148. 24X Fiche: 50-280, 84/10/19, B411130506.

--B411130515 Presents addl comments re util review of NRC licensing exams conducted on B40618. Exam improperly weighted toward minor operational items at expense of sys & topics more relevant to public health & safety. W/o stated encl.
EDMONDS, L. L. Virginia Electric & Power Co. 84/06/22. NORRIS, T. Division of Engineering & Operational Programs. 2pp. 27463:237. 24X Fiche: 50-280, 84/10/19, B411130506.

Y. Dry Cask Independent Spent Fuel Storage Installations

B411150295 Forwards revised security plan for dry cask ISFSI. Plan withheld (ref 10CFR73.21).
STEWART, A. L. Virginia Electric & Power Co. 84/08/13. CUNNINGHAM, R. E. Office of Nuclear Material Safety & Safeguards, Director. BROWN, W. B. Materials Licensing Branch. 2pp. 27530:292. 24X Fiche: 50-280, 84/08/13, B411150295.

B411130027 Summary of B41024 meeting w/Bechtel in Gaithersburg, MD re bases for util B40921 response to NRC questions re radiological impacts of ISFSI. List of attendees encl.
STURZ, F. Advanced Fuel & Spent Fuel Licensing Branch. 84/10/31. ROUSE, L. C. Advanced Fuel & Spent Fuel Licensing Branch. 7pp. 27481:336. 24X Fiche: 50-280, 84/10/31, B411130027.

B411200174 Forwards request for addl info re radiological dose calculations for proposed ISFSIs.
ROUSE, L. C. Advanced Fuel & Spent Fuel Licensing Branch. 84/11/14. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27597:360. 24X
Fiche: 50-280, 84/11/14, B411200174.

DOCKET 50-281 SURRY POWER STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

B411130707 Forwards Insp Repts 50-280/B4-26 & 50-281/B4-26 on B40901-28. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 24X Fiche: 50-280, 84/10/11, B411130707.

--B411130713 Insp Repts 50-280/B4-26 & 50-281/B4-26 on B40901-28. No violation or deviation noted. Major areas inspected: operations operating records, maint & surveillance, security, followup of events & LERs.
BURKE, D. J. Region 2, Office of Director. 84/10/05. 5pp. 24X
Fiche: 50-280, 84/10/11, B411130707.

B411140595 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27495:095. 24X
Fiche: 50-000, 84/10/11, B411140595.

B411150153 Forwards Insp Repts 50-280/B4-27 & 50-281/B4-27 on B40919-20. No violations or deviations noted.
BROWNLEE, V. L. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27530:001. 24X
Fiche: 50-280, 84/10/11, B411150153.

DOCKETED ITEMS

--B411150157 Insp Repts 50-280/84-27 & 50-281/84-27 on 840919-20. No violations noted. Major areas inspected: emergency preparedness exercise.
DECKER, T. R. Region 2, Office of Director. 84/10/10. 8pp.
27530:003. 24X Fiche: 50-280, 84/10/11, 8411150153.

B411030266 Informs of 841108-09 in-process audit of detailed control room design review to clarify aspects of review process & evaluate results of review to date. Access to control room area & simulator for NRC requested.
VARGA, S. A. Operating Reactors Branch 1. 84/10/19. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27309:331. 24X
Fiche: 50-000, 84/10/19, 8411030266.

B411150126 Summary of 841024 meeting w/util in Bethesda, MD re status of App R reanalysis. Util 840706 request for exemptions will be supplemented on 841130. List of attendees & viewgraphs encl.
NEIGHBORS, J. D. Operating Reactors Branch 1. 84/11/01. Operating Reactors Branch 1. 28pp. 27543:237. 24X Fiche: 50-280, 84/11/01, 8411150126.

B411200391 Forwards addl info re safety parameter display sys. in response to 840830 request.
STEWART, W. L. Virginia Electric & Power Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 10pp. 27569:039. 24X
Fiche: 50-000, 84/11/05, 8411200391.

B411260345 Forwards revised emergency plan & Rev 4 to Emergency Plan Implementing Procedure EPIP-4.02. "Radiation Protection Supervisor Controlling Procedure."
STEWART, W. L. Virginia Electric & Power Co. 84/11/16. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27608:298. 24X
Fiche: 50-280, 84/11/16, 8411260345.

--B411260355 Revised emergency plan.
BENSON, D. L. Virginia Electric & Power Co. 84/10/18. 7pp.
27608:300. 24X Fiche: 50-280, 84/11/16, 8411260345.

--B411260362 Rev 4 to Emergency Plan Implementing Procedure EPIP-4.02. "Radiation Protection Supervisor Controlling Procedure."
* Virginia Electric & Power Co. 84/10/23. 18pp. 27608:307. 24X
Fiche: 50-280, 84/11/16, 8411260345.

P. Operating license stage documents & correspondence

B411090427 Forwards Amends 98 & 97 to Licenses DPR-32 & DPR-37, respectively & safety evaluation. Amends revise Tech Specs to change status of opposite unit auxiliary feedwater pump limiting condition for operation.
NEIGHBORS, J. D. Operating Reactors Branch 1. 84/10/12. STEWART, W. L. Virginia Electric & Power Co. 3pp. 27419:336. 24X
Fiche: 50-280, 84/10/12, 8411090427.

--B411090432 Amends 98 & 97 to Licenses DPR-32 & DPR-37, respectively, revising Tech Specs to change status of opposite unit auxiliary feedwater pump limiting condition for operation from operable to available.
VARGA, S. A. Operating Reactors Branch 1. 84/10/12. 11pp.
27419:339. 24X Fiche: 50-280, 84/10/12, 8411090427.

--B411090435 SER supporting Amends 98 & 97 to Licenses DPR-32 & DPR-37, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/12. 2pp.
27419:350. 24X Fiche: 50-280, 84/10/12, 8411090427.

B411070278 Forwards Amends 100 & 99 to Licenses DPR-32 & DPR-37, respectively & safety evaluation. Amends change Tech Specs to add listed NUREG-0737 items, including II.B.1 & II.F.1.1, per Generic Ltr 83-27.
NEIGHBORS, J. D. Operating Reactors Branch 1. 84/10/15. STEWART, W. L. Virginia Electric & Power Co. 3pp. 27388:051. 24X
Fiche: 50-280, 84/10/15, 8411070278.

--B411070305 Amends 100 & 99 to Licenses DPR-32 & DPR-37, respectively, changing Tech Spec re TMI items for relief valves, reactor vessel head vents & chlorine room detection sys.
VARGA, S. A. Operating Reactors Branch 1. 84/10/15. 25pp.
27388:054. 24X Fiche: 50-280, 84/10/15, 8411070278.

--B411070313 Safety evaluation supporting Amends 100 & 99 to Licenses DPR-32 & DPR-37, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/15. 4pp.
27388:079. 24X Fiche: 50-280, 84/10/15, 8411070278.

B411130636 SECONDARY SIDE PHOTOGRAPHIC TECHNIQUES USED IN CHARACTERIZATION OF SURRY STEAM GENERATOR
SINCLAIR, R. B. Battelle Memorial Institute, Pacific Northwest Laboratories, FIN B-2097, NUREG/CR-3094. 84/10/31. Division of Engineering Technology. 43pp. 27477:112. 24X Fiche: 50-280, 84/10/31, 8411130636.

B411130703 Requests addl fee for 840209 application to amend Licenses DPR-32 & DPR-37, revising Tech Specs re NUREG-0737 requirements.
DICKS, R. M. License Fee Management Branch. 84/10/31. STEWART, W. L. Virginia Electric & Power Co. 1p. 27471:210. 24X
Fiche: 50-280, 84/10/31, 8411130703.

B411190303 Forwards response to NRC 840209 request for addl info re NUREG-0737, TMI Action Item II.D.1 concerning relief & safety valve testing. Info prepared by S&W, per 840501 ltr.
STEWART, W. L. Virginia Electric & Power Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 123pp. 27554:193. 24X
Fiche: 50-280, 84/10/31, 8411190303.

B411080216 Application for amends to Licenses DPR-32 & DPR-37, reflecting reorganization of nuclear operations dept & other reorganizations within GA dept & maint & performance dept. Fee paid.
STEWART, W. L. Virginia Electric & Power Co. 84/11/02. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 3pp. 27392:201. 24X
Fiche: 50-280, 84/11/02, 8411080216.

--B411080221 Proposed Tech Specs changing reorganization of nuclear operations dept, other reorganizations within GA dept & maint & performance dept.
* Virginia Electric & Power Co. 84/11/02. 16pp. 27392:204. 24X
Fiche: 50-280, 84/11/02, 8411080216.

B411260380 Requests extension until 850331 to complete environ qualification of GE charging pump component cooling water pump motors. Justification for continued operation encl.
STEWART, W. L. Virginia Electric & Power Co. 84/11/15. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 2pp. 27609:312. 24X
Fiche: 50-280, 84/11/15, 8411260380.

G. Inspection reports, IE Bulletins & correspondence

B410040521 Ack receipt of 840907 ltr & payment in amount of \$40,000 for civil penalties proposed in NRC 840730 ltr. Corrective actions described in ltr will be examined during future insp.
AXELRAD, J. A. Director's Office, Office of Inspection and Enforcement. 84/09/25. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27395:144. 24X Fiche: 50-280, 84/09/25, 8410040521.

--B411080399 Forwards Insp Repts 50-280/11 & 50-281/84-11 on 840320-23. Enforcement action related to insps addressed to util in Regional Administrator 840730 ltr.
LEWIS, R. C. Region 2, Office of Director. 84/07/30. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27395:161. 24X
Fiche: 50-280, 84/09/25, 8410040521.

--B411080403 Insp Repts 50-280/84-11 & 50-281/84-11 on 840320-23. Apparent violation noted: inadequate snubber svc life monitoring program.
LENAHAN, J. J., JAEPE, F. Region 2, Office of Director. 84/07/27. 6pp. 27395:163. 24X Fiche: 50-280, 84/09/25, 8410040521.

B411080285 Forwards response to IE Bulletin 84-03, "Refueling Cavity Water Seal." Refueling cavity water seal used at facility adequate based on design differences between seals at Surry & failed seals at Haddam Neck.
STEWART, W. L. Virginia Electric & Power Co. 84/10/09. O'REILLY, J. P. Region 2, Office of Director. 5pp. 27392:073. 24X
Fiche: 50-280, 84/10/09, 8411080285.

B411130707 Forwards Insp Repts 50-280/84-26 & 50-281/84-26 on 840901-28. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27461:215. 24X
Fiche: 50-280, 84/10/11, 8411130707.

--B411130713 Insp Repts 50-280/84-26 & 50-281/84-26 on 840901-28. No violation or deviation noted. Major areas inspected: operations operating records, maint & surveillance, security, followup of events & LERS.
BURKE, D. J., DAVIS, M. J., ELROD, S. Region 2, Office of Director. 84/10/03. 5pp. 27461:217. 24X Fiche: 50-280, 84/10/11, 8411130707.

B411140542 Forwards Insp Repts 50-280/84-29 & 50-281/84-29 on 840924-27. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27495:215. 24X
Fiche: 50-280, 84/10/11, 8411140542.

DOCKETED ITEMS

83

--8411140546 Insp Repts 50-280/84-29 & 50-281/84-29 on 840924-27. No violation or deviation noted. Major areas inspected: previous enforcement matters, inservice testing program for pumps & valves & inspector Followup items.
GIRARD, E. H., BLAKE, J. J. Region 2, Office of Director. 84/10/10. 6pp. 27493:217. 24X Fiche: 50-280, 84/10/11, 8411140542.

8411150153 Forwards Insp Repts 50-280/84-27 & 50-281/84-27 on 840919-20. No violations or deviations noted.
BROWNLEE, V. L. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27530:001. 24X Fiche: 50-280, 84/10/11, 8411150153.

--8411150157 Insp Repts 50-280/84-27 & 50-281/84-27 on 840919-20. No violations noted. Major areas inspected: emergency preparedness exercise.
DECKER, T. R., CLINE, W. E. Region 2, Office of Director. 84/10/10. 8pp. 27530:003. 24X Fiche: 50-280, 84/10/11, 8411150153.

8411140048 Ack receipt of supplemental 841001 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-280/84-15 & 50-281/84-15.
DANCE, H. C. Region 2, Office of Director. 84/10/17. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27493:287. 24X Fiche: 50-280, 84/10/17, 8411140048.

8411130578 Informs of plans to conduct special insp of training programs at Surry during 841105-09 & North Anna during 841126-30. Insp will assess effectiveness of programs. Insp plan encl. w/o encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/18. STEWART, W. L. Virginia Electric & Power Co. 1p. 27461:293. 24X Fiche: 50-000, 84/10/18, 8411130578.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411150338 Monthly operating repts for Sept 1984, W/841015 ltr.
JONES, V., STEWART, W. L. Virginia Electric & Power Co. 84/09/30. BEEBE, M. R. Office of Resource Management, Director. 36pp. 27529:091. 24X Fiche: 50-280, 84/09/30, 8411150338.

S. Reportable occurrences, LERS & related correspondence

8411010411 PNO-II-84-079: on 841029, reactor coolant pump & main feedwater pump tripped due to 10-10 level in steam generator. Caused by procedural error during testing of electrical buses. Plant being cooled down to permit repairs.
ELROD, S. A., BROWNLEE, V. L. Region 2, Office of Director. 84/10/30. 1p. 27229:179. 24X Fiche: 50-281, 84/10/30, 8411010411.

8411280356 NPDES noncompliance notification: on 841107, 4 h composite sample for total suspended solids exceeded permit limit. Caused by increased hydraulic load at peak flow times. Daily wasting of clarifier sludge undertaken.
TAYLOR, J. A. Virginia Electric & Power Co. 84/11/14. JENKINS, R. R. Virginia, Commonwealth of. 1p. 27689:131. 24X Fiche: 50-280, 84/11/14, 8411280356.

Y. Dry Cask Independent Spent Fuel Storage Installations

8411150295 Forwards revised security plan for dry cask ISFSI. Plan withheld (ref 10CFR73.21).
STEWART, A. L. Virginia Electric & Power Co. 84/08/13. CUNNINGHAM, R. E. Office of Nuclear Material Safety & Safeguards, Director. BROWN, W. B. Materials Licensing Branch. 2pp. 27530:292. 24X Fiche: 50-280, 84/08/13, 8411150295.

8411130027 Summary of 841024 meeting w/Bechtel in Gaithersburg, MD re bases for util 840921 response to NRC questions re radiological impacts of ISFSI. List of attendees encl.
STURZ, F. Advanced Fuel & Spent Fuel Licensing Branch. 84/10/31. ROUSE, L. C. Advanced Fuel & Spent Fuel Licensing Branch. 7pp. 27481:336. 24X Fiche: 50-280, 84/10/31, 8411130027.

8411200174 Forwards request for addl info re radiological dose calculations for proposed ISFSI.
ROUSE, L. C. Advanced Fuel & Spent Fuel Licensing Branch. 84/11/14. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27597:360. 24X Fiche: 50-280, 84/11/14, 8411200174.

DOCKET 50-282 PRAIRIE ISLAND NUCLEAR STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411020175 Forwards public version of Rev 29 to emergency plan implementing procedures, including F3-1, "Onsite Emergency Organization," F3-2, "Classification of Emergencies," & F3-3, "Responsibilities During..."
FEY, F. L. Northern States Power Co. 84/10/08. Region 3, Office of Director. 2pp. 27262:104. 24X Fiche: 50-282, 84/10/08, 8411020175.

--8411020183 Public version of Rev 29 to emergency plan implementing procedures, including F3-1, "Onsite Emergency Organization," F3-2, "Classification of Emergencies," & F3-3, "Responsibilities During Notification of Unusual Events."
* Northern States Power Co. 84/10/08. 173pp. 27262:105. 24X Fiche: 50-282, 84/10/08, 8411020175.

8411010285 Forwards Rev 6 to security force training & qualification plan for Monticello & Prairie Island Nuclear Generating Plant. Rev withheld (ref 10CFR2.790).
LARSON, C. E. Northern States Power Co. 84/10/11. KEPPLER, J. G. Region 3, Office of Director. 1p. 27232:137. 24X Fiche: 50-000, 84/10/11, 8411010285.

8411010134 Revised emergency plan implementing procedures, including F3 re emergency plan implementing procedures table of contents & F3-17 re core damage assessment, W/841024 ltr.
FEY, F. L. Northern States Power Co. 84/10/24. 39pp. 27232:140. 24X Fiche: 50-282, 84/10/24, 8411010134.

8411160056 Forwards Insp Repts 50-282/84-12 & 50-306/84-14 on 841003-05. No noncompliance noted.
GREGOR, L. R. Region 3, Office of Director. 84/10/24. LARSON, C. E. Northern States Power Co. 2pp. 27544:003. 24X Fiche: 50-282, 84/10/24, 8411160056.

--8411160064 Insp Repts 50-282/84-12 & 50-306/84-14 on 841003-05. No noncompliance or deviations noted. Major areas inspected: emergency preparedness plan, including training, changes to program, licensee audits & maint.
GLOERSEN, W. B., PATTERSON, J., PHILLIPS, M. P. Region 3, Office of Director. 84/10/25. 7pp. 27544:005. 24X Fiche: 50-282, 84/10/24, 8411160056.

8411130440 Forwards FEMA 841009 evaluation of effect of deficiency in Pierce County on overall status of offsite preparedness. County can accurately monitor developments, formulate messages & notify public in event of emergency.
GREGOR, L. R. Region 3, Office of Director. 84/11/07. LARSON, C. E. Northern States Power Co. 2pp. 27439:044. 24X Fiche: 50-282, 84/11/07, 8411130440.

DOCKETED ITEMS

8411290100 Advises that 841011 Rev 6 to physical security plan inconsistent w/provisions of 10CFR50.54(p) & unacceptable.
AXELSON, W.L. Region 3, Office of Director. 84/11/15. LARSON, C.E. Northern States Power Co. 2pp. 27721:089. 24X
Fiche: 50-282, 84/11/15, 8411290100.

P. Operating license stage documents & correspondence

841160099 Forwards Amend 71 to License DPR-42 & safety evaluation. Amend adds Tech Spec which considers steam generator w/three tubes containing defects in tube region as inoperable.
DIANNI, D.C. Operating Reactors Branch 3. 84/10/18. MUSOLF, D.M. Northern States Power Co. 1p. 27566:003. 24X Fiche: 50-282, 84/10/18, 841160099.

--841160106 Amend 71 to License DPR-42, adding Tech Spec which considers steam generator w/three tubes containing defects in tube region as inoperable.
MILLER, J.R. Operating Reactors Branch 3. 84/10/18. 4pp. 27566:004. 24X Fiche: 50-282, 84/10/18, 841160099.

--841160111 Safety evaluation supporting Amend 71 to License DPR-42.
* Office of Nuclear Reactor Regulation, Director. 84/10/18. 2pp. 27566:008. 24X Fiche: 50-282, 84/10/18, 841160099.

8411010239 Forwards nonproprietary WCAP-10640 & proprietary WCAP-10639. "Technical Bases For Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Prairie Island Unit 1." Proprietary rept withheld (ref 10CFR2.790).
MUSOLF, D. Northern States Power Co. 84/10/24. Office of Nuclear Reactor Regulation, Director. 2pp. 27232:014. 24X
Fiche: 50-282, 84/10/24, 8411010239.

--8411010245 "Technical Bases for Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Prairie Island Unit 1."
SWAMY, S.A., LEE, Y.S., HOLMES, R.A. Westinghouse Electric Corp. WCAP-10640. 84/09/30. 48pp. 27232:016. 24X
Fiche: 50-282, 84/10/24, 8411010239.

--8411010251 Requests proprietary WCAP-10639, "Technical Bases for Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Prairie Island Unit 1." be withheld per 10CFR2.790. Affidavit encl.
WIESEMANN, R.A. Westinghouse Electric Corp. 84/09/18. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 6pp. 27232:063. 24X Fiche: 50-282, 84/10/24, 8411010239.

841140552 Forwards safety evaluation re topical rept, "Rod Swap Methodology NSPNAD 8408" (Jul 1984). Proposed methodology acceptable for future reloads provided listed conditions met.

MILLER, J.R. Operating Reactors Branch 3. 84/10/24. MUSOLF, D.M. Northern States Power Co. 1p. 27526:323. 24X Fiche: 50-282, 84/10/24, 841140552.

--841140558 Safety evaluation supporting rod swap methodology described in topical rept, "Rod Swap Methodology NSPNAD 8408" (Jul 1984).
* Office of Nuclear Reactor Regulation, Director. 84/10/24. 5pp. 27526:324. 24X Fiche: 50-282, 84/10/24, 841140552.

841150327 Forwards corrected Amends 70 & 64 to Licenses DPR-42 & DPR-60, respectively. Tech Spec 3.14-4, inadvertently omitted from 840912 amends, encl.
DIANNI, D.C. Operating Reactors Branch 4. 84/10/25. MUSOLF, D.M. Northern States Power Co. 1p. 27530:275. 24X Fiche: 50-282, 84/10/25, 841150327.

--841150332 Corrected Amends 70 & 64 to Licenses DPR-42 & DPR-60, respectively, adding Tech Spec 3.14-4 re operator action for inoperable containment ventilation isolation sys, inadvertently omitted from 840912 amends.
* Operating Reactors Branch 4. 84/10/25. 2pp. 27530:276. 24X
Fiche: 50-282, 84/10/25, 841150327.

8411010380 Advises that manual isolation valves in Unit 1 vent line blocked & tagged in accordance w/requirements of Tech Spec 4.18. Tech Spec for reactor coolant vent sys implemented.
MUSOLF, D. Northern States Power Co. 84/10/26. Office of Nuclear Reactor Regulation, Director. 1p. 27229:178. 24X
Fiche: 50-282, 84/10/26, 8411010380.

G. Inspection reports, IE Bulletins & correspondence

841160056 Forwards Insp Repts 50-282/84-12 & 50-306/84-14 on 841003-05. No noncompliance noted.
GREGER, L.R. Region 3, Office of Director. 84/10/24. LARSON, C.E. Northern States Power Co. 2pp. 27544:003. 24X
Fiche: 50-282, 84/10/24, 841160056.

--841160064 Insp Repts 50-282/84-12 & 50-306/84-14 on 841003-05. No noncompliance or deviations noted. Major areas inspected: emergency preparedness plan, including training, changes to program, licensee audits & maint.
GLOERSEN, W.B., PATTERSON, J., PHILLIPS, M.P. Region 3, Office of Director. 84/10/25. 7pp. 27544:005. 24X Fiche: 50-282, 84/10/24, 841160056.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

841140325 Monthly operating reports for Sept 1984. W/841005 ltr.
DUGSTAD, D., MUSOLF, D. Northern States Power Co. 84/09/30. 9pp. 27491:242. 24X Fiche: 50-282, 84/09/30, 841140325.

S. Reportable occurrences, LERs & related correspondence

8411060363 PNO-III-84-091: on 841028, leakage of 1.5 gpm discovered in Steam Generator 12, initiating reactor shutdown. Leaking tubes plugged.
BURGESS, B., JACKIW, I., SHAFER, W. Region 3, Office of Director. 84/10/29. 1p. 27320:252. 24X Fiche: 50-282, 84/10/29, 8411060363.

841130489 LER 84-009-00: on 841002, diesel generator D2 inadvertently started. Caused by failure to place voltage restoration switch to manual before throwing transfer switch. W/841101 ltr.
HUNSTAD, A.A., MUSOLF, D. Northern States Power Co. 84/11/01. 3pp. 27459:113. 24X Fiche: 50-282, 84/11/01, 841130489.

DOCKET 50-285 FORT CALHOUN STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411020366 Forwards Insp Rept 50-285/84-17 on 840724-27 & notice of violation. Notice of violation & details withheld (ref 10CFR73.21).
HUNTER, D.R. Region 4, Office of Director. 84/09/11. ANDREWS, R.L. Omaha Public Power District. 2pp. 27274:178. 24X
Fiche: 50-285, 84/09/11, 8411020366.

--8411020367 Insp Rept 50-285/84-17 on 840724-27. Violations noted: secondary alarm station manning, testing & maint & compensatory action. Details withheld (ref 10CFR73.21).
KELLY, J.A., HALL, R.E., MARTIN, L.E. Region 4, Office of Director. 84/09/10. 2pp. 27274:180. 24X Fiche: 50-285, 84/09/11, 8411020366.

DOCKETED ITEMS

85

8411010096 Revised emergency plan implementing procedures, including EPIP-OSC-1 re emergency classification, EPIP-OSC-4 re alert event actions & EPIP-OSC-3 re notification of unusual event actions. W/841026 ltr.
ANDREWS, R. L. Omaha Public Power District. 84/10/26. MARTIN, R. D. Region 4, Office of Director. 137pp. 27230:026. 24X Fiche: 50-285, 84/10/26, 8411010096.

8411020220 Revised "Radiological Emergency Response Plan." W/841026 ltr.
ANDREWS, R. L. Omaha Public Power District. 84/10/26. MARTIN, R. D. Region 4, Office of Director. 42pp. 27255:074. 24X Fiche: 50-285, 84/10/26, 8411020220.

8411090242 Revised emergency plan implementing procedures, including table of contents & EPIP-EOP-5, "Onsite & Offsite Dose Assessment (Computerized Program)." W/841105 ltr.
ANDREWS, R. L. Omaha Public Power District. 84/11/05. MARTIN, R. D. Region 4, Office of Director. 9pp. 27398:135. 24X Fiche: 50-285, 84/11/05, 8411090242.

8411090322 Revised radiological emergency response plan, including table of contents, Section B re organizational control of emergencies & Section H re emergency facilities & equipment. W/841105 ltr.
ANDREWS, R. L. Omaha Public Power District. 84/11/05. MARTIN, R. D. Region 5, Office of Director. 61pp. 27400:063. 24X Fiche: 50-285, 84/11/05, 8411090322.

8411260375 Revised emergency plan implementing procedures, including EPIP-EOP-5 re onsite & offsite dose assessment & EPIP-PI-1 re public info crisis communication plan. W/841115 ltr.
ANDREWS, R. L. Omaha Public Power District. 84/11/15. MARTIN, R. D. Region 4, Office of Director. 63pp. 27611:245. 24X Fiche: 50-285, 84/11/15, 8411260375.

P. Operating license stage documents & correspondence

8411150324 Forwards request for addl info re Generic Ltr 83-28, "Required Actions Based on Generic Implications of Salem ATWS Events." Response requested within 30 days of ltr receipt.
MILLER, J. R. Operating Reactors Branch 3. 84/10/04. ANDREWS, R. L. Omaha Public Power District. 2pp. 27530:279. 24X Fiche: 50-285, 84/10/04, 8411150324.

8411160462 Forwards Amend 85 to License DPR-40 & safety evaluation. Amend revises Tech Specs to include more formal administrative requirements on limiting overtime.
TOURIGNY, E. G. Operating Reactors Branch 3. 84/10/11. ANDREWS, R. L. Omaha Public Power District. 1p. 27546:352. 24X Fiche: 50-285, 84/10/11, 8411160462.

--8411160464 Amend 85 to License DPR-40, changing Tech Specs to include more formal administrative requirements on limiting overtime & reporting of pressurizer safety valve & relief valve challenges & failures.
MILLER, J. R. Operating Reactors Branch 3. 84/10/11. 5pp. 27546:353. 24X Fiche: 50-285, 84/10/11, 8411160462.

--8411160470 Safety evaluation supporting Amend 85 to License DPR-40. * Office of Nuclear Reactor Regulation, Director. 84/10/11. 2pp. 27546:358. 24X Fiche: 50-285, 84/10/11, 8411160462.

8411140395 Responds to 840727 ltrs re auxiliary feedwater sys Tech Specs. Auxiliary feedwater sys must be tested monthly per NUREG-0737, Item II.E.1.1. Appeals meeting in Bethesda, MD within 30 days proposed.
MILLER, J. R. Operating Reactors Branch 3. 84/10/25. ANDREWS, R. L. Omaha Public Power District. 4pp. 27525:004. 24X Fiche: 50-285, 84/10/25, 8411140395.

8411120151 Forwards fee for deadline extension for environ qualification of safety-related electrical equipment application per 840928 request.
ANDREWS, R. L. Omaha Public Power District. 84/11/02. License Fee Management Branch. 2pp. 27428:273. 24X Fiche: 50-285, 84/11/02, 8411120151.

8411140363 Forwards fee for request for relief from certain ASME Section XI code requirements, per 840928 request.
ANDREWS, R. L. Omaha Public Power District. 84/11/02. License Fee Management Branch. 2pp. 27467:216. 24X Fiche: 50-285, 84/11/02, 8411140363.

8411200420 Forwards FR notice of environ assessment & finding of no significant impact. Notice proposes relief from certain requirements of ASME Code, Section XI, "Rules for Inservice Insp of Nuclear Power Plant Components," per 840402 request.
MILLER, J. R. Operating Reactors Branch 3. 84/11/05. ANDREWS, R. L. Omaha Public Power District. 1p. 27598:225. 24X Fiche: 50-285, 84/11/05, 8411200420.

--8411200425 Notice of environ assessment & finding of no significant impact on 840402 request for relief from certain ASME Code Class 3 requirements re inservice insp.
LAJINAS, G. C. Assistant Director for Operating Reactors. 84/11/05. 8pp. 27598:226. 24X Fiche: 50-285, 84/11/05, 8411200420.

8411200184 Submits formal notification that toxic gas monitoring instrumentation sys operable on 840928. Preparation of Tech Specs underway. Submittal will be made by end of Jan 1985.
ANDREWS, R. L. Omaha Public Power District. 84/11/12. MILLER, J. R. Division of Licensing. 1p. 27577:003. 24X Fiche: 50-285, 84/11/12, 8411200184.

8411210129 Advises that formal process control program will be available after 850115 due to task being of much larger magnitude than anticipated. Background work & extensive testing completed.
ANDREWS, R. L. Omaha Public Power District. 84/11/16. MILLER, J. R. Division of Licensing. 1p. 27591:358. 24X Fiche: 50-285, 84/11/16, 8411210129.

8411260301 Forwards addl info re environ qualification of safety-related electrical equipment, revising 840531 ltr in entirety.
ANDREWS, R. L. Omaha Public Power District. 84/11/16. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 14pp. 27612:333. 24X Fiche: 50-285, 84/11/16, 8411260301.

8411260365 Responds to 841004 request for addl info re required actions based on generic implications of Salem ATWS events. Info includes draft Procedures MP-RPS-Breaker & MP-RPS-M-Contactor re clutch power supply breakers.
ANDREWS, R. L. Omaha Public Power District. 84/11/16. MILLER, J. R. Division of Licensing. 31pp. 27609:262. 24X Fiche: 50-285, 84/11/16, 8411260365.

Q. Inspection reports, IE Bulletins & correspondence

8411020366 Forwards Insp Rept 50-285/84-17 on 840724-27 & notice of violation. Notice of violation & details withheld (ref 10CFR73.21).
HUNTER, D. R. Region 4, Office of Director. 84/09/11. ANDREWS, R. L. Omaha Public Power District. 2pp. 27274:178. 24X Fiche: 50-285, 84/09/11, 8411020366.

--8411020367 Insp Rept 50-285/84-17 on 840724-27. Violations noted: secondary alarm station manning, testing & maint & compensatory action. Details withheld (ref 10CFR73.21).
KELLY, J. A., HALL, R. E., MARTIN, L. E. Region 4, Office of Director. 84/09/10. 2pp. 27274:180. 24X Fiche: 50-285, 84/09/11, 8411020366.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411200420 Forwards FR notice of environ assessment & finding of no significant impact. Notice proposes relief from certain requirements of ASME Code, Section XI, "Rules for Inservice Insp of Nuclear Power Plant Components," per 840402 request.
MILLER, J. R. Operating Reactors Branch 3. 84/11/05. ANDREWS, R. L. Omaha Public Power District. 1p. 27598:225. 24X Fiche: 50-285, 84/11/05, 8411200420.

--8411200425 Notice of environ assessment & finding of no significant impact on 840402 request for relief from certain ASME Code Class 3 requirements re inservice insp.
LAJINAS, G. C. Assistant Director for Operating Reactors. 84/11/05. 8pp. 27598:226. 24X Fiche: 50-285, 84/11/05, 8411200420.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKETED ITEMS

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BHRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411260195 Advises that Insp Rept 50-285/84-19 canceled. Rept number will not be used.
HUNTER, D. R. Region 4, Office of Director. 84/11/19. ANDREWS, R. L. Omaha Public Power District. 1p. 27616:040. 24X Fiche: 50-285, 84/11/19, 8411260195.

R. Periodic operating reports & related correspondence

8411270308 "Semiannual Rept for Tech Spec Section 5.9.4, Jan-June 1984," describing effluent releases & environ monitoring. W/840830 ltr.
GATES, W. G., ANDREWS, R. L. Omaha Public Power District. 84/06/30. DENISE, R. P. Division of Resident, Reactor Project & Engineering Programs. 182pp. 27630:326. 24X Fiche: 50-285, 84/06/30, 8411270308.

8411260138 Monthly operating rept for Oct 1984. W/841112 ltr.
MATTHEWS, T. P., ANDREWS, R. L. Omaha Public Power District. 84/10/31. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. 8pp. 27645:260. 24X Fiche: 50-285, 84/10/31, 8411260138.

S. Reportable occurrences, LERs & related correspondence

8411030738 LER 84-010-00: on 840921, unplanned actuation of ventilation isolation actuation signal initiated by containment activity gaseous process monitor RM-051. Caused by maladjusted monitor discriminator sensitivity. Sensitivity adjusted. W/841019 ltr.
KUSEK, L. T., ANDREWS, R. L. Omaha Public Power District. 84/10/19. 4pp. 27279:351. 24X Fiche: 50-285, 84/10/19, 8411030738.

8411030713 LER 84-020-00: on 840914, hydrogen analyzer VA-81B did not show proper hydrogen concentration during monthly calibr. Caused by improper landing of lead wires from catalyst bed/cell. Wires landed correctly & calibr performed. W/841022 ltr.
MUELLER, R. J., ANDREWS, R. L. Omaha Public Power District. 84/10/22. 6pp. 27281:030. 24X Fiche: 50-285, 84/10/22, 8411030713.

8411280316 LER 84-021-00: on 841017, boron concentration in safety injection & refueling water tank below Tech Spec limits. Caused by personnel error or lack of homogeneity in boron concentration. Surveillance test revised. W/841116 ltr.
FLUEHR, J. J., ANDREWS, R. L. Omaha Public Power District. 84/11/16. 3pp. 27689:135. 24X Fiche: 50-285, 84/11/16, 8411280316.

8411260286 PND-IV-84-025: on 841018, licensee identified increased leakage from RCS on pressurizer spray valve flange. Plant shut down for leakage repair.
HUNTER, D. R., YANDELL, L. A. Region 4, Office of Director. 84/11/19. 1p. 27613:095. 24X Fiche: 50-285, 84/11/19, 8411260286.

DOCKET 50-286 INDIAN POINT STATION, UNIT 3

F. Security, medical, emergency & fire protection plans

8411080225 Forwards Rev 4 to "Modified Amended Security Force Training & Qualification Plan for Indian Point 3 Nuclear Power Plant."
BAYNE, J. P. Power Authority of the State of New York. 84/10/22. VARGA, S. A. Operating Reactors Branch 1. 1p. 27392:160. 24X Fiche: 50-286, 84/10/22, 8411080225.

--8411080232 Rev 4 to "Modified Amended Security Force Training & Qualification Plan for Indian Point 3 Nuclear Power Plant."
* Power Authority of the State of New York. 84/10/17. 7pp. 27392:161. 24X Fiche: 50-286, 84/10/22, 8411080232.

8411090415 Informs that resolution of listed concerns re 840803 detailed control room design review program plan required before completion of review. Meeting requested on 841121 to aid in resolution.
VARGA, S. A. Operating Reactors Branch 1. 84/10/24. BAYNE, J. P. Power Authority of the State of New York. 2pp. 27422:306. 24X Fiche: 50-286, 84/10/24, 8411090415.

8411050452 Forwards Insp Rept 50-286/84-22 on 840916-1015 & notice of violation.
KISTER, H. B. Division of Project & Resident Programs. 84/10/31. BRONS, J. C. Power Authority of the State of New York. 2pp. 27297:240. 24X Fiche: 50-286, 84/10/31, 8411050452.

--8411050455 Notice of violation from insp on 840916-1015.
* Region 1, Office of Director. 84/10/31. 1p. 27297:242. 24X Fiche: 50-286, 84/10/31, 8411050452.

--8411050459 Insp Rept 50-286/84-22 on 840916-1015. Violation noted: improper storage of safeguards info.
KOLTA, P. S., ROSSBACH, L. W. Region 1, Office of Director. NORRHOLM, L. Division of Project & Resident Programs. 84/10/25. 11pp. 27297:243. 24X Fiche: 50-286, 84/10/31, 8411050452.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1.
MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. BRONS, J. C. Power Authority of the State of New York. HARTER, E. S. Eastman Kodak Co. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

G. Adjudicatory correspondence

8411060489 Staff requirements memo re 841016 discussion of key issues re Indian Point adjudicatory proceeding in Washington, DC. Draft decision on key issues requested w/further consideration concerning emergency preparedness.
CHILK, S. J. Office of the Secretary of the Commission. 84/10/25. DIRCKS, W. J. Office of the Executive Director for Operations. ZERBE, J. E. Office of Policy Evaluations. PLAINE, H. Office of the General Counsel. 3pp. 27384:095. 24X Fiche: 50-247, 84/10/25, 8411060489.

8411160176 Revised staff requirements memo correcting Item 4 in 841025 staff requirements memo re continuation of 841016 discussion on Indian Point adjudicatory proceeding.
CHILK, S. J. Office of the Secretary of the Commission. 84/11/07. DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27361:358. 24X Fiche: 50-003, 84/11/07, 8411160176.

P. Operating license stage documents & correspondence

8411010266 Requests rev to definition of operability in Amend 32 to License DPR-64 within 45 days of ltr receipt. W/o stated 800410 generic ltr.
VARGA, S. A. Operating Reactors Branch 1. 84/10/22. BAYNE, J. P. Power Authority of the State of New York. 4pp. 27251:360. 24X Fiche: 50-286, 84/10/22, 8411010266.

8411050408 Forwards WCAP-10300, "Analysis of Capsule Y From PASNY Indian Point Unit 3 Reactor Vessel Radiation Surveillance Program," for review. Fee paid.
BAYNE, J. P. Power Authority of the State of New York. 84/10/26. VARGA, S. A. Operating Reactors Branch 1. 1p. 27300:238. 24X Fiche: 50-286, 84/10/26, 8411050408.

--8411050409 "Analysis of Capsule Y From PASNY Indian Point Unit 3 Reactor Vessel Radiation Surveillance Program."
YANICHKO, S. E., ANDERSON, S. L. Westinghouse Electric Corp. WCAP-10300. 83/03/31. 76pp. 27300:239. 24X Fiche: 50-286, 84/10/26, 8411050408.

8411020226 Forwards proposed Tech Specs for six deferred NUREG-0737 items, in response to Generic Ltr 83-37 & NRC 840504 request. Formal license amend will be submitted upon receipt of NRC comments & before startup from refueling outage.
BAYNE, J. P. Power Authority of the State of New York. 84/10/29. VARGA, S. A. Operating Reactors Branch 1. 17pp. 27255:117. 24X Fiche: 50-286, 84/10/29, 8411020226.

8411050351 Forwards application for amend to License DPR-64, changing Tech Spec Sections 4.5.2.1 & 6.5.2.2 to alter organization of safety review committee.
BAYNE, J. P. Power Authority of the State of New York. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 2pp. 27297:074. 24X Fiche: 50-286, 84/10/31, 8411050351.

--8411050361 Application for amend to License DPR-64, changing Tech Spec Sections 6.5.2.1 & 6.5.2.2 to alter organization of safety review committee.
BAYNE, J.P. Power Authority of the State of New York. 84/10/31. 1p. 27297:076. 24X Fiche: 50-286, 84/10/31, 8411050351.

--8411050367 Proposed Tech Spec Sections 6.5.2.1 & 6.5.2.2, altering organization of safety review committee. Safety evaluation encl.
* Power Authority of the State of New York. 84/10/31. 7pp. 27297:077. 24X Fiche: 50-286, 84/10/31, 8411050351.

8411060184 Forwards repts re 480-volt voltage verification analysis for transient voltage conditions, changes in analytical techniques & assumptions & results of Phase I & II correlation studies.
BAYNE, J.P. Power Authority of the State of New York. 84/10/31. VARQA, S.A. Operating Reactors Branch 1. 33pp. 27323:231. 24X Fiche: 50-286, 84/10/31, 8411060184.

8411060233 Forwards info re ESF mod to mitigate potential consequences of Battery 32 failure, per NRC 840911 request. Description of proposed final mod. bases supporting mod & safety evaluation encl.
BAYNE, J.P. Power Authority of the State of New York. 84/10/31. VARQA, S.A. Operating Reactors Branch 1. 31pp. 27324:060. 24X Fiche: 50-286, 84/10/31, 8411060233.

8411060267 Forwards updated status of info submitted on 831130 & 840306 re sys interaction study. Remaining 30 open interactions will be closed by physical mods during upcoming refueling outage.
BAYNE, J.P. Power Authority of the State of New York. 84/10/31. VARQA, S.A. Operating Reactors Branch 1. 49pp. 27324:149. 24X Fiche: 50-286, 84/10/31, 8411060267.

8411090080 Notification of 841102 meeting w/util in Bethesda, MD to discuss proposed license amend to change steam generator tube plugging limit.
NEIGHBORS, J.D. Operating Reactors Branch 1. 84/10/31. VARQA, S.A. Operating Reactors Branch 1. 2pp. 27424:266. 24X Fiche: 50-003, 84/10/31, 8411090080.

8411050370 Forwards application for amend to License DPR-64, revising Tech Specs re steam generator tube plugging limit to repair tubes which exhibit imperfection depth of 63% & greater.
BAYNE, J.P. Power Authority of the State of New York. 84/11/01. VARQA, S.A. Operating Reactors Branch 1. 2pp. 27297:102. 24X Fiche: 50-286, 84/11/01, 8411050370.

--8411050374 Application for amend to License DPR-64, revising Tech Specs re steam generator tube plugging limit to repair tubes which exhibit imperfection depth of 63% & greater.
BAYNE, J.P. Power Authority of the State of New York. 84/11/01. 1p. 27297:104. 24X Fiche: 50-286, 84/11/01, 8411050370.

--8411050377 Proposed Tech Specs re steam generator tube plugging limit to repair tubes which exhibit imperfection depth of 63% & greater.
* Power Authority of the State of New York. 84/11/01. 10pp. 27297:105. 24X Fiche: 50-286, 84/11/01, 8411050370.

8411210377 Advises that JD Neighbors assigned as project manager for facility as of 841029.
VARQA, S.A. Operating Reactors Branch 1. 84/11/06. BAYNE, J.P. Power Authority of the State of New York. 1p. 27617:110. 24X Fiche: 50-286, 84/11/06, 8411210377.

8411200366 Requests publication of FR notice of consideration of issuance of Amend 50 to License DPR-64 & proposed NSHC determination & opportunity for hearing re 841101 & 06 requests to revise Tech Spec 4.9.A.1.f.
VARQA, S.A. Operating Reactors Branch 1. 84/11/09. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27597:311. 24X Fiche: 50-286, 84/11/09, 8411200366.

8411280479 Forwards Amend 50 to License DPR-64 & safety evaluation. Amend revises Tech Spec Section 4.9.A.1.f to change tube plugging limit for pitting to imperfection depth of 63%.
NEIGHBORS, J.D. Operating Reactors Branch 1. 84/11/09. BAYNE, J.P. Power Authority of the State of New York. 3pp. 27682:272. 24X Fiche: 50-286, 84/11/09, 8411280479.

--8411280482 Amend 50 to License DPR-64, revising Tech Spec to change tube plugging limit to imperfection depth of 63%.
VARQA, S.A. Operating Reactors Branch 1. 84/11/09. 5pp. 27682:273. 24X Fiche: 50-286, 84/11/09, 8411280479.

--8411280488 Safety evaluation supporting Amend 50 to License DPR-64.
* Office of Nuclear Reactor Regulation, Director. 84/11/09. 5pp. 27682:280. 24X Fiche: 50-286, 84/11/09, 8411280479.

8411290681 Forwards request for addl info re Generic Ltr 83-28, Items 4.2.1 & 4.2.2, "Preventative Maint Program for Reactor Trip Breakers/Maint & Trending." Info requested within 30 days.
VARQA, S.A. Operating Reactors Branch 1. 84/11/16. BAYNE, J.P. Power Authority of the State of New York. 6pp. 27729:174. 24X Fiche: 50-286, 84/11/16, 8411290681.

Q. Inspection reports, IE Bulletins & correspondence

8411010018 Forwards Insp Rept 50-286/84-19 on 840806-10 & notice of violation.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/09. BRONS, J.C. Power Authority of the State of New York. 2pp. 27249:110. 24X Fiche: 50-286, 84/10/09, 8411010018.

--8411010020 Notice of violation from insp on 840806-10.
* Region 1, Office of Director. 84/10/09. 1p. 27249:112. 24X Fiche: 50-286, 84/10/09, 8411010018.

--8411010024 Insp Rept 50-286/84-19 on 840806-10. Violation noted: failure to maintain records & conduct audits for transport packages.
CLEMONS, P., SHANBAKY, M. Region 1, Office of Director. 84/10/03. 6pp. 27249:113. 24X Fiche: 50-286, 84/10/09, 8411010018.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AEOL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411050452 Forwards Insp Rept 50-286/84-22 on 840916-1015 & notice of violation.
KISTER, H.B. Division of Project & Resident Programs. 84/10/31. BRONS, J.C. Power Authority of the State of New York. 2pp. 27297:240. 24X Fiche: 50-286, 84/10/31, 8411050452.

--8411050455 Notice of violation from insp on 840916-1015.
* Region 1, Office of Director. 84/10/31. 1p. 27297:242. 24X Fiche: 50-286, 84/10/31, 8411050452.

--8411050459 Insp Rept 50-286/84-22 on 840916-1015. Violation noted: improper storage of safeguards info.
KOLTAY, P.S., ROSSBACH, L.W. Region 1, Office of Director. NORRHOLM, L. Division of Project & Resident Programs. 84/10/25. 11pp. 27297:243. 24X Fiche: 50-286, 84/10/31, 8411050452.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:199. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411220258 Forwards info requested at 841102 meeting w/NRC re mid-cycle steam generator insp & revised Figure 2 in Attachment II of 841101 application for amend to OL.
BRONS, J.C. Power Authority of the State of New York. 84/11/06. VARQA, S.A. Operating Reactors Branch 1. 17pp. 27430:036. 24X Fiche: 50-286, 84/11/06, 8411220258.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411140240 Requests approval for 841114 startup following completion of mid-cycle steam generator insp & required tube plugging. Forwards hot leg info requested & updated version of steam generator insp presented at 841102 meeting.
BRONS, J.C. Power Authority of the State of New York. 84/11/08. VARQA, S.A. Operating Reactors Branch 1. 29pp. 27468:262. 24X Fiche: 50-286, 84/11/08, 8411140240.

8411140372 Corrects Insp Rept 50-286/84-18 to read Insp Rept 50-286/84-16.
KISTER, H.B. Division of Project & Resident Programs. 84/11/08. BRONS, J.C. Power Authority of the State of New York. 2pp. 27467:190. 24X Fiche: 50-286, 84/11/08, 8411140372.

--8411140377 Forwards Insp Rept 50-286/84-16 on 840801-0915 & notice of violation.
STAROSTECKI, R. Division of Project & Resident Programs. 84/09/21. BRONS, J.C. Power Authority of the State of New York. 1p. 27467:192. 24X Fiche: 50-286, 84/11/08, 8411140372.

DOCKETED ITEMS

--8411140379 Notice of violation from insp on 840801-0915.
* Region 1, Office of Director. 84/11/08. 1p. 27467:194. 24X
Fiche: 50-286, 84/11/08, 8411140372.

--8411140385 Insp Rept 50-286/84-16 on 840801-0915. Violation noted:
inadequate reviews & revs discovered in procedures re
battery chargers.
KENNY, T. J., ROSSBACH, L. W., NORRHOLM, L. Region 1, Office of
Director. 84/09/19. 10pp. 27467:195. 24X Fiche: 50-286, 84/11/08,
8411140372.

--8411140385 Insp Rept 50-286/84-16 on 840801-0915. Violation noted:
inadequate reviews & revs discovered in procedures re
battery chargers.
KENNY, T. J. Region 1, Office of Director. 84/09/19. 10pp. 24X
Fiche: 50-286, 84/11/08, 8411140372.

8411190252 Responds to NRC 841009 ltr re violations noted in Insp Rept
50-286/84-19. Corrective actions: activities covered in insp
checklist added to maint checklist so that completion of
activities will be documented in two places.
BRONS, J. C. Power Authority of the State of New York. 84/11/08.
MARTIN, T. T. Division of Engineering & Technical Programs. 3pp.
27552:247. 24X Fiche: 50-286, 84/11/08, 8411190252.

8411140259 Forwards inservice insp rept for 1984 mid-cycle outage.
BRONS, J. C. Power Authority of the State of New York. 84/11/09.
VARQA, S. A. Operating Reactors Branch 1. 1p. 27469:031. 24X
Fiche: 50-286, 84/11/09, 8411140259.

--8411140263 Inservice insp rept for 1984 mid-cycle outage.
* Power Authority of the State of New York. 84/10/25. 82pp.
27469:032. 24X Fiche: 50-286, 84/11/09, 8411140259.

8411200214 Forwards summary of insp results of recent eddy current
testing of facility steam generators. Testing encompassed
100% of tubes on both hot & cold leg sides for each of four
steam generators.
BAYNE, J. P. Power Authority of the State of New York. 84/11/14.
VARQA, S. A. Operating Reactors Branch 1. 2pp. 27577:361. 24X
Fiche: 50-286, 84/11/14, 8411200214.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary
Coolant Inventory in BWRs During Shutdown & Startup."
Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New
York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl
Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New
York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation
Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/19. Consolidated Edison Co. of New
York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411290120 Ack receipt of 841108 ltr informing NRC of steps taken to
correct violations noted in Insp Rept 50-286/84-19. Actions
will be examined during future insp.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/11/23.
BRONS, J. C. Power Authority of the State of New York. 2pp.
27678:001. 24X Fiche: 50-286, 84/11/23, 8411290120.

R. Periodic operating reports & related correspondence

8411260108 Monthly operating rept for Oct 1984. W/841115 ltr.
KELLY, L. J., BRONS, J. C. Power Authority of the State of New York.
84/10/31. 8pp. 27645:220. 24X Fiche: 50-286, 84/10/31, 8411260108.

S. Reportable occurrences, LERs & related correspondence

8411190324 Part 21 rept re failure of fire dampers to close under
normal duct pressure. Caused by failure of test methods
utilized for closure under air flow to accurately depict
actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office,
Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche: 50-000, 84/11/06, 8411190324.

8411190141 LER 84-014-00: on 841013, trip signal received while unit
subcritical. Caused by blown control power fuse on Channel 35
intermediate range monitor. Fuse replaced. W/841109 ltr.
GUMBLE, F. W., BRONS, J. C. Power Authority of the State of New York.
84/11/09. 3pp. 27568:016. 24X Fiche: 50-286, 84/11/09, 8411190141.

DOCKET 50-287 OCONEE NUCLEAR STATION, UNIT 3

F. Security, medical, emergency & fire protection plans

8411140612 Forwards Insp Repts 50-269/84-21, 50-270/84-20 &
50-287/84-22 on 840820-24. No violations or deviations
noted.
DANCE, H. C. Region 2, Office of Director. 84/09/18. Duke Power
Co. 2pp. 27495:120. 24X Fiche: 50-269, 84/09/18, 8411140612.

--8411140613 Insp Repts 50-269/84-21, 50-270/84-20 & 50-287/84-22 on
840820-24. No violations or deviations noted. Major areas
inspected: emergency preparedness.
KREH, J. L. Region 2, Office of Director. 84/09/12. 8pp.
27495:122. 24X Fiche: 50-269, 84/09/18, 8411140612.

8411140611 Discusses submittal of annual emergency exercise objectives
& detailed scenarios. Full detailed exercise scenario w/all
controller info requested, per 45-day schedule. No change
needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. TUCKER, H. B.
Duke Power Co. 2pp. 27495:118. 24X Fiche: 50-000, 84/10/11,
8411140611.

8411070028 Forwards response to 840928 request for addl info re items
identified in NRC review of util control room review
submittal.
TUCKER, H. B. Duke Power Co. 84/11/05. DENTON, H. R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J. F. Operating Reactors
Branch 4. 21pp. 27360:143. 24X Fiche: 50-269, 84/11/05, 8411070028.

8411260323 Forwards Rev 7 to response to Suppl 1 to NUREG-0737. Rev
consists of revised "Writers Guide for Emergency & Abnormal
Procedures."
TUCKER, H. B. Duke Power Co. 84/11/12. DENTON, H. R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J. F. Operating Reactors
Branch 4. 2pp. 27608:197. 24X Fiche: 50-269, 84/11/12, 8411260323.

--8411260328 "Writers Guide for Emergency & Abnormal Procedures."
* Duke Power Co. 84/09/01. 88pp. 27608:199. 24X
Fiche: 50-269, 84/11/12, 8411260323.

8411260358 Forwards Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30
on 841022-25. No violations or deviations noted.
BROWNLEE, V. L. Region 2, Office of Director. 84/11/19. TUCKER, H. B.
Duke Power Co. 2pp. 27609:180. 24X Fiche: 50-269, 84/11/19,
8411260358.

--8411260368 Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30 on
841022-25. No violations or deviations noted. Major areas
inspected: security plans & procedures & security program mgt
effectiveness. Details withheld (ref 10CFR2.790 & 73.21).
TOBIN, W. J. Region 2, Office of Director. 84/11/15. 1p.
27609:182. 24X Fiche: 50-269, 84/11/19, 8411260358.

P. Operating license stage documents & correspondence

8411050308 Forwards final resolution of SER & technical evaluation rept
items re environ qualification of safety-related electrical
equipment. Response to IE Bulletin 71-01B will be done on
unit by unit basis as environ qualification mods completed.
TUCKER, H. B. Duke Power Co. 84/10/26. DENTON, H. R. Office of
Nuclear Reactor Regulation, Director. STOLZ, J. F. Operating Reactors
Branch 4. 21pp. 27298:228. 24X Fiche: 50-269, 84/10/26, 8411050308.

841130465 Notification of 841107 meeting w/util in Bethesda, MD to
discuss cost/benefit evaluation of reactor vessel coolant
inventory tracking sys.
NICOLARAS, H. Operating Reactors Branch 4. 84/10/31. STOLZ, J. F.
Operating Reactors Branch 4. 2pp. 27472:018. 24X
Fiche: 50-269, 84/10/31, 841130465.

8411160541 Notification of 841113 & 14 meetings w/util in Bethesda, MD
to discuss inservice testing program for pumps & valves.
NICOLARAS, H. Operating Reactors Branch 4. 84/11/07. STOLZ, J. F.
Operating Reactors Branch 4. 2pp. 27543:353. 24X
Fiche: 50-269, 84/11/07, 8411160541.

8411200115 Forwards list of questions to serve as agenda for 841113-14
meetings to discuss preliminary review of inservice testing
program.
STOLZ, J. F. Operating Reactors Branch 4. 84/11/07. TUCKER, H. B.
Duke Power Co. 9pp. 27598:018. 24X Fiche: 50-269, 84/11/07,
8411200115.

DOCKETED ITEMS

841150079 Application for amend to Licenses DPR-38, DPR-47 & DPR-55, revising Tech Spec to extend insp interval to 12 months for inaccessible hydraulic snubbers. Amend would require next visual insp to be performed prior to 850315. Fee paid.
TUCKER, H.B. Duke Power Co. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors Branch 4. 3pp. 27499:339. 24X Fiche: 50-269, 84/11/09, 841150079.

--841150088 Proposed Tech Specs re one-time extension for inaccessible hydraulic snubbers insp. Insp will be performed during 1985 refueling outage, provided that such outage begins prior to 850315.
* Duke Power Co. 84/11/09. 9pp. 27499:342. 24X Fiche: 50-269, 84/11/09, 841150079.

G. Inspection reports, IE Bulletins & correspondence

8411010249 Informs of plans to conduct special insp of training programs on 841001-12. Insp objective is to assess effectiveness of programs for supporting licensed activities.
LEWIS, R.C. Region 2, Office of Director. 84/09/17. TUCKER, H.B. Duke Power Co. 3pp. 27249:326. 24X Fiche: 50-000, 84/09/17, 8411010249.

8411140612 Forwards Insp Repts 50-269/84-21, 50-270/84-20 & 50-287/84-22 on 840820-24. No violations or deviations noted.
DANCE, H.C. Region 2, Office of Director. 84/09/18. Duke Power Co. 2pp. 27495:120. 24X Fiche: 50-269, 84/09/18, 8411140612.

--8411140613 Insp Repts 50-269/84-21, 50-270/84-20 & 50-287/84-22 on 840820-24. No violations or deviations noted. Major areas inspected: emergency preparedness.
KREH, J.L., CLINE, W.E. Region 2, Office of Director. 84/09/12. 8pp. 27495:122. 24X Fiche: 50-269, 84/09/18, 8411140612.

841130499 Forwards Insp Repts 50-269/84-23, 50-270/84-22 & 50-287/84-24 on 840811-0910. No violations or deviations noted.
DANCE, H.C. Division of Project & Resident Programs. 84/10/02. TUCKER, H.B. Duke Power Co. 2pp. 27462:053. 24X Fiche: 50-269, 84/10/02, 841130499.

--841130503 Insp Repts 50-269/84-23, 50-270/84-22 & 50-287/84-24 on 840811-0910. No violations or deviations noted. Major areas inspected: operations, maint, surveillance, ESFs, fuel handling & open items.
BRYANT, J., SASSER, K., BROWNLEE, V. Region 2, Office of Director. 84/10/02. 7pp. 27462:055. 24X Fiche: 50-269, 84/10/02, 841130499.

8411060245 Forwards notice of environ assessment & finding of no significant impact for transmittal to Ofc of FR.
* Operating Reactors Branch 4. 84/10/19. Docketing & Services Branch. 1p. 27329:333. 24X Fiche: 50-269, 84/10/19, 8411060245.

--8411060262 Forwards notice of environ assessment & finding of no significant impact re 841202 application for exemption from certain requirements of 10CFR50.55a to allow common start date for inservice insp.
NICOLARAS, H. Operating Reactors Branch 4. 84/10/17. TUCKER, H.B. Duke Power Co. 2pp. 27329:334. 24X Fiche: 50-269, 84/10/19, 8411060245.

--8411060277 Notice of environ assessment & finding of no significant impact re 851202 application for exemption from certain requirements of 10CFR50.55a to allow common start date for inservice insp.
LAINAS, O.C. Division of Licensing. 84/10/17. 3pp. 27329:336. 24X Fiche: 50-269, 84/10/19, 8411060245.

8411080043 Submits addl info requested in 841012 telcon re procedures, training & instrumentation to detect & mitigate events described in IE Bulletin 84-03 re failure of refueling water cavity seal. Procedures adequate.
TUCKER, H.B. Duke Power Co. 84/10/23. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27391:328. 24X Fiche: 50-269, 84/10/23, 8411080043.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411280552 Forwards exemption from certain requirements of 10CFR50.55a(g)(4) allowing common start date for inservice insp & testing & for common start date other than 120 months from commercial operation of any one unit.
NICOLARAS, H. Operating Reactors Branch 4. 84/11/07. TUCKER, H.B. Duke Power Co. 3pp. 27682:090. 24X Fiche: 50-269, 84/11/07, 8411280552.

--8411280557 Exemption from certain requirements of 10CFR50.55a(g)(4) allowing common start date for inservice insp & testing & for common start date other than 120 months from commercial operation of any one unit.
EISENHUT, D.G. Operating Reactors Branch 4. 84/11/07. Duke Power Co. 4pp. 27682:093. 24X Fiche: 50-269, 84/11/07, 8411280552.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150079 Application for amend to Licenses DPR-38, DPR-47 & DPR-55, revising Tech Spec to extend insp interval to 12 months for inaccessible hydraulic snubbers. Amend would require next visual insp to be performed prior to 850315. Fee paid.
TUCKER, H.B. Duke Power Co. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27499:339. 24X Fiche: 50-269, 84/11/09, 841150079.

--841150088 Proposed Tech Specs re one-time extension for inaccessible hydraulic snubbers insp. Insp will be performed during 1985 refueling outage, provided that such outage begins prior to 850315.
* Duke Power Co. 84/11/09. 9pp. 27499:342. 24X Fiche: 50-269, 84/11/09, 841150079.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

8411270421 Suppls 840913 request for relief from inservice insp requirements of Section XI of 1980 ASME Boiler & Pressure Vessel Code. Alternate methods of NDE for welds will be performed if hydrostatic testing impractical.
TUCKER, H.B. Duke Power Co. 84/11/16. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27628:201. 24X Fiche: 50-269, 84/11/16, 8411270421.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411260242 Requests that quality of Bahnsen HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnsen equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. KEPPLER, J.G. Region 3, Office of Director. MARTIN, R.D. Region 4, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

8411260358 Forwards Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30 on 841022-25. No violations or deviations noted.
BROWNLEE, V.L. Region 2, Office of Director. 84/11/19. TUCKER, H.B. Duke Power Co. 2pp. 27609:180. 24X Fiche: 50-269, 84/11/19, 8411260358.

--8411260368 Insp Repts 50-269/84-28, 50-270/84-27 & 50-287/84-30 on 841022-25. No violations or deviations noted. Major areas inspected: security plans & procedures & security program mgt effectiveness. Details withheld (ref 10CFR2.790 & 73.21).
TOBIN, W.J., MCQUIRE, D.R. Region 2, Office of Director. 84/11/15. 1p. 27609:182. 24X Fiche: 50-269, 84/11/19, 8411260358.

DOCKETED ITEMS

R. Periodic operating reports & related correspondence

8411260019 Monthly operating repts for Oct 1984. W/841115 ltr.
REAVIS, J.A., TUCKER, H.B. Duke Power Co. 84/10/31. 17pp.
27645:189. 24X Fiche: 50-269, 84/10/31, 8411260019.

S. Reportable occurrences, LERs & related correspondence

8411210062 Special rept: on 840927, discovered that contaminated oil shipped to Lee Steam Station for disposal by incineration. Caused by misinterpretation of regulations. Shipments of contaminated oil halted.
TUCKER, H.B. Duke Power Co. 84/10/24. O'REILLY, J.P. Region 2, Office of Director. 7pp. 27606:265. 24X Fiche: 50-269, 84/10/24, 8411210062.

8411090081 PNO-II-84-085: on 841106, shutdown begun due to steam generator tube leak of 0.8 gpm which increased to 1.94 gpm. Hot shutdown reached & steam generator isolated. Repairs estimated to take 8-10 days.
BURGER, C., DANCE, H.C. Region 2, Office of Director. 84/11/06. 1p. 27398:295. 24X Fiche: 50-287, 84/11/06, 8411090081.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

DOCKET 50-289 THREE MILE ISLAND NUCLEAR STATION, UNIT 1F. Security, medical, emergency & fire protection plans

8411060195 Revised emergency plan implementing procedures, including 1014 re administration of TMI-1 onsite & offsite emergency duty roster & 1004.31 re post-accident atmospheric sampling.
NELSON, M.A., TOOLE, R., NASH, B. General Public Utilities - GPU Service Corp. 84/10/24. 43pp. 27232:268. 24X Fiche: 50-289, 84/10/24, 8411060195.

8411010240 Advises that purpose of emergency preparedness communication drills for Lancaster & Dauphin counties incorrect. Stated purpose of drill & determination re satisfying Certification Item 144 requested.
CLARK, P.R. General Public Utilities - GPU Service Corp. 84/10/26. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27231:357. 24X Fiche: 50-289, 84/10/26, 8411010240.

8411050343 Forwards supplemental info re 831130 request for exemption from requirements of 10CFR50, App R re fire area vs fire zone. Supplemental analysis of fire zone boundaries encl.
HUKILL, H.D. General Public Utilities - GPU Service Corp. 84/10/30. STOLZ, J.F. Operating Reactors Branch 4. 11pp. 27304:044. 24X Fiche: 50-289, 84/10/30, 8411050343.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. KELHOFFER, W. Catholic Univ. of America, Washington, DC. ADCOCK, B.R. Defense, Dept. of Defense Nuclear Agency. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411140352 Informs that neutron flux monitoring sys appropriate for functions within design basis & not required to be qualified for harsh post-accident environ conditions, per NUREG-0737, Suppl 1, Rev to Page 31 of Reg Guide 1.97 rept encl.
HUKILL, H.D. General Public Utilities - GPU Service Corp. 84/11/09. STOLZ, J.F. Operating Reactors Branch 4. 5pp. 27467:182. 24X Fiche: 50-289, 84/11/09, 8411140352.

8411190268 Rev 10 to Emergency Plan Implementing Procedure 1004.27, "Activation of Emergency Operations Facility."
* General Public Utilities - GPU Service Corp. 84/11/13. 27pp. 27534:085. 24X Fiche: 50-289, 84/11/13, 8411190268.

8411210189 Forwards summary of commitments re NUREG-0737, Item III.D.3.4 re control room habitability.
HUKILL, H.D. General Public Utilities - GPU Service Corp. 84/11/14. STOLZ, J.F. Operating Reactors Branch 4. 4pp. 27591:350. 24X Fiche: 50-289, 84/11/14, 8411210189.

G. Adjudicatory correspondence

8411260077 Explains staff responsibilities in responding to ASLAB 830616 order reopening record.
CUNNINGHAM, G.H. Office of the Executive Legal Director. 83/06/21. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27651:214. 24X Fiche: 50-289, 83/06/21, 8411260077.

8411260133 Comments on NRC review of GPU vs B&W court trial transcript & motion to reopen record of restart proceeding. GPU attys exerted improper influence on testimony. New evidence required proceeding be reopened.
AAMODT, N.D., AAMODT, M.M. Aamodts. 83/08/15. Commissioners. 26pp. 27654:007. 24X Fiche: 50-289, 83/08/15, 8411260133.

8411260067 Confirms 830810 telcon w/NRC atty J Goldberg. DOJ advises NRC employees not be made available for defense witnesses.
NUREG-0786 will be provided.
CUMMINGS, J.J. Office of Inspector & Auditor. 83/08/16. WEST, J. Justice, Dept. of. 2pp. 27653:235. 24X Fiche: 50-289, 83/08/16, 8411260067.

8411260055 Analyzes ASLAB 830831 order reopening record re mgt phase of TMI-1 proceeding. Issues to be litigated listed.
GUTIERREZ, J.M. Region 1, Office of Director. 83/09/12. MURLEY, T.E. Region 1, Office of Director. 2pp. 27651:162. 24X Fiche: 50-289, 83/09/12, 8411260055.

8411260109 Informs of ASLB 830914 order scheduling 831018 prehearing conference.
CUNNINGHAM, G.H. Office of the Executive Legal Director. 83/09/20. HAYES, B.B. Office of Investigation. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27653:087. 24X Fiche: 50-289, 83/09/20, 8411260109.

8411260123 Recommends Commission adopt encl memorandum & order re subpoenas in Hartman investigation.
PLAINE, H.H. Office of the General Counsel. SECY-83-385. 83/09/20. 34pp. 27653:336. 24X Fiche: 50-289, 83/09/20, 8411260123.

8411260141 "Effect of Matters Raised by RHR & BETA Repts on Mgt Issues Litigated During TMI-1 Restart."
* NRC - No Detailed Affiliation Given. 83/09/28. 55pp. 27651:249. 24X Fiche: 50-289, 83/09/28, 8411260141.

8411260240 Directs NRC employees who receive inquiries of type listed re criminal prosecution in US vs Met Ed to notify Ofc of General Counsel. JA Fitzgerald will be NRC contact.
PALLABINO Commissioners. 83/12/09. NRC - No Detailed Affiliation Given. 1p. 27651:336. 24X Fiche: 50-289, 83/12/09, 8411260240.

8411150286 Comments re Jul 1984 long-term environ radiation surveillance plan. Restoration or increase in monitoring depends on util notification that dangerous action planned or accident occurred. Related correspondence.
DAVIS, B. Three Mile Island Alert. #484 137. 84/08/09. 2pp. 27528:110. 24X Fiche: 50-289, 84/08/09, 8411150286.

8411060458 Responds to 841011 & 12 ltrs re discovery on Dieckamp mailgram issue. Reconsideration of motion to quash subpoenas of W Lowe given representations on necessity for Lowe deposition suggested. Related correspondence.
BERNABEI, L. Government Accountability Project. #484 948. 84/10/16. BLAKE, E.L. Shaw, Pittman, Potts & Trowbridge. 4pp. 27319:354. 24X Fiche: 50-289, 84/10/16, 8411060458.

8411010333 Forwards addl background matl for preparation of testimony re restart remand on mgt. per request. Related correspondence. W/o encl.
FINKELSTEIN, L. Office of the Executive Legal Director. FINKELSTEIN, L. General Public Utilities - GPU Service Corp. #484 835. 84/10/26. MOSELEY, N.C. Institute of Nuclear Power Operations. 1p. 27232:013. 24X Fiche: 50-289, 84/10/26, 8411010333.

8411010373 Forwards affidavits of NF Dudley & FR Allenspach to accompany NRC staff first supplemental response to UCS 841017 first set of interrogatories. Related correspondence.
FINKELSTEIN, L. Hearing Branch 4. #484 836. 84/10/26. JORDAN, W.S. Harmon, Weiss & Jordan. 1p. 27229:172. 24X Fiche: 50-289, 84/10/26, 8411010373.

—8411010381 Affidavit of NF Dudley re preparation of responses to UCS interrogatories. Related correspondence.
DUDLEY, N.F. Division of Project & Resident Programs. 84/10/25. 1p. 27229:173. 24X Fiche: 50-289, 84/10/26, 8411010373.

—8411010389 Affidavit of FR Allenspach re preparation of responses to UCS interrogatories. Related correspondence.
ALLENSPACH, F.R. Division of Human Factors Safety. 84/10/26. 1p. 27229:174. 24X Fiche: 50-289, 84/10/26, 8411010373.

DOCKETED ITEMS

91

- 8411020513 Motion to depose UCS witness JJ Regan after close of discovery on training issue. Granted on 841029. Served on 841030.
* General Public Utilities - GPU Service Corp. #484 818. 84/10/26.
Atomic Safety and Licensing Board Panel. 1p. 27261:299. 24X
Fiche: 50-289, 84/10/26, 8411020513.
- 8411010168 Reply comments to NRC 841009 brief in response to Commission 840911 Order CLI-84-18. NRC comments deserve only limited consideration. Certificate of Svc encl.
DOROSHOW, J. Three Mile Island Alert. #484 823. 84/10/29. 17pp.
27230:342. 24X Fiche: 50-289, 84/10/29, 8411010168.
- 8411020026 Responds to UCS seventh set of interrogatories to GPU re licensed operator exam & training. Certificate of Svc & svc list encl. Related correspondence.
BAUSER, D. B. General Public Utilities - GPU Service Corp. #484 856. 84/10/29.
BAUSER, D. B. Shaw, Pittman, Potts & Trowbridge. #484 856. 84/10/29.
Union of Concerned Scientists. 14pp. 27257:145. 24X
Fiche: 50-289, 84/10/29, 8411020026.
- 8411020031 Notice to ASLB of licensee consideration to file supplemental testimony, in nature of rebuttal, in response to UCS case-in-chief. Svc list encl. Related correspondence.
BAUSER, D. B. General Public Utilities - GPU Service Corp. #484 855. 84/10/29.
Atomic Safety and Licensing Board Panel. 4pp. 27257:159. 24X Fiche: 50-289, 84/10/29, 8411020031.
- 8411060606 Responds to 841019 request for TMI Alert response to licensee fifth set of interrogatories. Related correspondence.
BERNABEI, L. Government Accountability Project. #484 970. 84/10/29.
BLAKE, E. L. Shaw, Pittman, Potts & Trowbridge. 2pp. 27326:334. 24X Fiche: 50-289, 84/10/29, 8411060606.
- 8411010415 Order admitting SER (NUREG-1019) & SSER 1 as ASLB exhibits. Served on 841031.
WOLFE, S. J. Atomic Safety and Licensing Board Panel. #484 826. 84/10/30. 2pp. 27229:180. 24X Fiche: 50-289, 84/10/30, 8411010415.
- 8411020059 Reviews responses to TMI Alert Interrogatories 5, 14, 15 & 16-19, per 841016 discussion re TMI Alert fourth set of interrogatories. Related correspondence.
BLAKE, E. L. Shaw, Pittman, Potts & Trowbridge. BLAKE, E. L. General Public Utilities - GPU Service Corp. #484 847. 84/10/30.
BERNABEI, L. Government Accountability Project. BERNABEI, L. Three Mile Island Alert. 4pp. 27257:253. 24X Fiche: 50-289, 84/10/30, 8411020059.
- 8411060407 Forwards documents responsive to TMI Alert request for production in matter of restart remand on mgt. per 840803 & 1022 requests. W/o encls. Related correspondence.
FINKELSTEIN, L. Office of the Executive Legal Director. #484 933. 84/10/30. BERNABEI, L. Government Accountability Project. 1p. 27320:249. 24X Fiche: 50-289, 84/10/30, 8411060407.
- 8411060442 Notifies that NC Moseley may review selected pleadings on remanded Dieckamp mailgram issue filed in proceeding & documents produced by Ofc of Inspector & Auditor delivered to TMI Alert on 841030. Related correspondence.
FINKELSTEIN, L. Office of the Executive Legal Director. #484 932. 84/10/30. BERNABEI, L. Government Accountability Project. 1p. 27320:198. 24X Fiche: 50-289, 84/10/30, 8411060442.
- 8411060452 Corrects inaccuracies contained in TMI Alert 841025 response to Interrogatory 17(c). Related correspondence.
GOLDBERG, J. R. Hearing Branch 4. #484 935. 84/10/30. BERNABEI, L. Government Accountability Project. BERNABEI, L. General Public Utilities - GPU Service Corp. 1p. 27315:360. 24X
Fiche: 50-289, 84/10/30, 8411060452.
- 8411060605 Advises that on 841026 ASLB permitted TMI Alert to ask addl interrogatory re 790329 meeting to discuss hydrogen production. TMI Alert requests interrogatory be posed to T Crimmins & R Wilson. Related correspondence.
BERNABEI, L. Government Accountability Project. #484 969. 84/10/30.
BLAKE, E. L. Shaw, Pittman, Potts & Trowbridge. 1p. 27326:336. 24X
Fiche: 50-289, 84/10/30, 8411060605.
- 8411010583 Informs that licensee will not file motion to compel response by TMI Alert to fifth set of interrogatories in order to avoid delay of proceeding. Related correspondence.
BLAKE, E. L. Shaw, Pittman, Potts & Trowbridge. BLAKE, E. L. Metropolitan Edison Co. #484 849. 84/10/31. BERNABEI, L. Government Accountability Project. 1p. 27251:052. 24X
Fiche: 50-289, 84/10/31, 8411010583.
- 8411010585 Supplemental answers to UCS sixth set of interrogatories & document requests to GPU, per ASLB 841019 oral ruling. Certificate of Svc encl. Related correspondence.
NASSIKAS, J. N. Metropolitan Edison Co. NASSIKAS, J. N. Shaw, Pittman, Potts & Trowbridge. #484 850. 84/10/31. Union of Concerned Scientists. 6pp. 27251:053. 24X Fiche: 50-289, 84/10/31, 8411010585.
- 8411010589 Provides names of Panelec attendees at Pennsylvania Public Utils Commission 790328 meeting, per Dieckamp deposition. Related correspondence.
BLAKE, E. L. Shaw, Pittman, Potts & Trowbridge. #484 848. 84/10/31.
BERNABEI, L. Government Accountability Project. 1p. 27251:059. 24X
Fiche: 50-289, 84/10/31, 8411010589.
- 8411010656 Initial decision authorizing issuance of amend to License DPR-50 revising Tech Specs to recognize listed steam generator tube repair techniques. Order final unless appealed within 45 days. Served on 841101.
HETRICK, D. L., LAMB, J. C., WOLFE, S. J. Atomic Safety and Licensing Board Panel. #484 859. 84/10/31. Office of Nuclear Reactor Regulation, Director. 49pp. 27251:062. 24X Fiche: 50-289, 84/10/31, 8411010656.
- 8411020533 Forwards 840810 reply to UCS & TMI Alert comments in response to CLI-84-18. Documents inadvertently omitted from filing.
TROWBRIDGE, G. F. General Public Utilities - GPU Service Corp. TROWBRIDGE, G. F. Shaw, Pittman, Potts & Trowbridge. #484 865. 84/10/31. 1p. 27261:169. 24X Fiche: 50-289, 84/10/31, 8411020533.
- 8411020545 Reply to UCS 840726 comments on restart. NRC must lift immediately effective suspension of DL & amend DL. Certificate of Svc encl.
TROWBRIDGE, G. F. General Public Utilities - GPU Service Corp. TROWBRIDGE, G. F. Shaw, Pittman, Potts & Trowbridge. #484 08/10. 29pp. 27261:170. 24X Fiche: 50-289, 84/10/31, 8411020533.
- 8411020538 Forwards documents Zebrowsky will rely upon during testimony. Documents added to records already in discovery room. Svc list encl. Related correspondence.
LEWIS, D. R. Shaw, Pittman, Potts & Trowbridge. LEWIS, D. R. General Public Utilities - GPU Service Corp. #484 866. 84/10/31.
BERNABEI, L. Government Accountability Project. 3pp. 27261:199. 24X Fiche: 50-289, 84/10/31, 8411020538.
- 8411060255 Responds to 841030 ltr re author 841022 request for NRC determination on Gamble access to Ofc of Inspector & Auditor files for preparation of testimony in response to NRC Interrogatory 17. Related correspondence.
BERNABEI, L. Government Accountability Project. BERNABEI, L. Three Mile Island Alert. #484 910. 84/10/31. GOLDBERG, J. R. Office of the Executive Legal Director. 3pp. 27324:320. 24X
Fiche: 50-289, 84/10/31, 8411060255.
- 8411060438 Forwards addl background matls & documents for preparation of testimony re restart remand on mgt. Info includes TMI Alert responses to NRC interrogatories re D Gamble testimony. W/o encl. Related correspondence.
FINKELSTEIN, L. Hearing Branch 4. #484 926. 84/10/31. MOSELEY, N. C. Institute of Nuclear Power Operations. 1p. 27319:277. 24X
Fiche: 50-289, 84/10/31, 8411060438.
- 8411060589 Forwards results of radioisotopic analyses of soil/water samples. Results indicate samples contained Pu, strontium & cesium at levels associated w/fallout from weapons testing. Svc list encl. Related correspondence. Record copy.
TRAVERS, W. D. TMI Program Office. #484 968. 84/10/31. AAMODT, N. Aamodts. 5pp. 27326:304. 24X Fiche: 50-289, 84/10/31, 8411060589.
- 8411140198 Forwards petition w/signatures of over 300 residents requesting NRC to revoke GPU license due to lack of requisite character to safely operate TMI Unit 1.
PICKERING, K. Three Mile Island Alert. #484 117. 84/10/31.
PALLADINO, N. Commissioners. 12pp. 27469:105. 24X
Fiche: 50-289, 84/10/31, 8411140198.
- 8411020555 Notice of ASLAB constitution, GJ Edles, chairman & WR Johnson & RL Gotchy, members. Served on 841102.
TOMPKINS, B. A. Atomic Safety and Licensing Appeal Panel. #484 872. 84/11/01. 1p. 27261:158. 24X Fiche: 50-289, 84/11/01, 8411020555.
- 8411020556 Notice of ASLAB constitution, GJ Edles, chairman & WR Johnson & RL Gotchy, members. Related correspondence.
ROSENTHAL, A. S. Atomic Safety and Licensing Appeal Panel. #484 871. 84/11/01. 1p. 27261:159. 24X Fiche: 50-289, 84/11/01, 8411020556.
- 8411060220 Informs of tentative list of witnesses on Dieckamp mailgram issue. Questionnaires & depositions of witnesses discussed. Related correspondence.
BERNABEI, L. Government Accountability Project. BERNABEI, L. Three Mile Island Alert. #484 909. 84/11/01. BLAKE, E. L. Shaw, Pittman, Potts & Trowbridge. 3pp. 27324:044. 24X Fiche: 50-289, 84/11/01, 8411060220.

DOCKETED ITEMS

8411060348 Motion to admit 841023 deposition of PA Bradford as testimony of unavailable witness. Requiring PA Bradford to testify at hearing would be burden in terms of time, effort & financial hardship on TMI Alert. Related correspondence. DOROSHOW, J., BERNABEI, L. Three Mile Island Alert. DOROSHOW, J. Christic Institute. #484 911. 84/11/01. Atomic Safety and Licensing Board Panel. 12pp. 27316:337. 24X Fiche: 50-289, 84/11/01, 8411060348.

--8411060359 Testimony of DH Gamble re deficiencies in NRC investigation into communication of info concerning significant events & reactor conditions during TMI accident. Related correspondence. GAMBLE, D.H. Three Mile Island Alert. GAMBLE, D.H. Defense, Dept. of. 84/11/01. 23pp. 27316:349. 24X Fiche: 50-289, 84/11/01, 8411060348.

--8411060366 Motion for leave to present testimony of V Gilinsky on Dieckamp mailgram issue w/o prefiling written testimony. Affidavit of J Doroshow & svc list encl. Related correspondence. DOROSHOW, J., BERNABEI, L. Three Mile Island Alert. DOROSHOW, J. Christic Institute. 84/11/01. Atomic Safety and Licensing Board Panel. 10pp. 27317:010. 24X Fiche: 50-289, 84/11/01, 8411060348.

8411060439 Forwards two Dfc of Inspector & Auditor interviews w/ K Plumlee, 81101 NRC interview of K Plumlee & 810113 interview of DR Neely for consideration of inclusion in mailgram stipulation. Related correspondence. BERNABEI, L. Government Accountability Project. BERNABEI, L. Three Mile Island Alert. #484 912. 84/11/01. BLAKE, E.L. Shaw, Pittman, Potts & Trowbridge. 1p. 27319:278. 24X Fiche: 50-289, 84/11/01, 8411060439.

8411060467 Advises that documents requested by TMI Alert re leak rate issues will be available for insp & copying on 841102 at Middletown East End Warehouse Co, Inc. Related correspondence. BLAKE, E.L. Shaw, Pittman, Potts & Trowbridge. BLAKE, E.L. General Public Utilities - GPU Service Corp. #484 941. 84/11/01. BERNABEI, L. Government Accountability Project. 3pp. 27312:272. 24X Fiche: 50-289, 84/11/01, 8411060467.

8411060334 Preliminary response to director's decision on 840925 & request for deferral of 841106 meeting until 841215 to provide opportunity to review & orally respond to Commission. Certificate of Svc encl. WEISS, E.R. Union of Concerned Scientists. WEISS, E.R. Harmon, Weiss & Jordan. #484 895. 84/11/02. 14pp. 27312:073. 24X Fiche: 50-289, 84/11/02, 8411060334.

8411070007 Forwards licensee & TMI Alert 841101 testimony on Dieckamp mailgram for review in matter of restart remand on mgt. Related correspondence. FINKELSTEIN, L. Office of the Executive Legal Director. #484 990. 84/11/02. MOSELEY, N.C. Institute of Nuclear Power Operations. 1p. 27359:344. 24X Fiche: 50-289, 84/11/02, 8411070007.

8411070222 Forwards JN Nassikas 841101 ltr re matl responsive to UCS Interrogatory 6-(b-d) & DB Bauser 841031 ltr re licensee supplementation of response to UCS Interrogatory 2(a). Svc list encl. Related correspondence. BAUSER, D.B. Shaw, Pittman, Potts & Trowbridge. #484 004. 84/11/05. JORDON, W.S. Harmon, Weiss & Jordan. 5pp. 27386:175. 24X Fiche: 50-289, 84/11/05, 8411070222.

8411070211 Notice of svc of EH Stier 841101 rept re TMI-2 staff 830323 meeting. Served on 841106. Related correspondence. BLAKE, E.L. General Public Utilities - GPU Service Corp. #484 003. 84/11/06. 55pp. 27353:188. 24X Fiche: 50-289, 84/11/06, 8411070211.

8411070251 Notice of issuance of Nuclear Safety & Compliance Committee 841023 rept re observations intended to improve long-term assurance & maint. Related correspondence. BLAKE, E.L. General Public Utilities - GPU Service Corp. BLAKE, E.L. Shaw, Pittman, Potts & Trowbridge. #484 002. 84/11/06. 13pp. 27386:119. 24X Fiche: 50-289, 84/11/06, 8411070251.

8411090270 Forwards TM Crimmins 841101 & RF Wilson 841101 ltrs & RW Keaten 841105 affidavit in response to 841030 ltr. Interview memorandum of W Lowe dtd 791204 also encl. Related correspondence. LEWIS, D.R. Shaw, Pittman, Potts & Trowbridge. LEWIS, D.R. Metropolitan Edison Co. #484 034. 84/11/07. BERNABEI, L. Government Accountability Project. 3pp. 27401:064. 24X Fiche: 50-289, 84/11/07, 8411090270.

--8411090279 Affidavit of RW Keaten, addressing dates of handwritten notes. Svc list encl. Related correspondence. KEATEN, R.W. General Public Utilities - GPU Service Corp. #484 005. 5pp. 27401:067. 24X Fiche: 50-289, 84/11/07, 8411090270.

8411090325 Order correcting errata in 841031 initial decision. Served on 841108. WOLFE, S.J. Atomic Safety and Licensing Board Panel. #484 007. 84/11/07. Office of the Executive Legal Director. 1p. 27398:323. 24X Fiche: 50-289, 84/11/07, 8411090325.

8411090448 Notifies that licensee supplementing response to TMI Alert Document Requests B & 9. DR Lewis 841108 ltr to W Jordan re UCS Interrogatories 3 & 6 encl. W/svc list. Related correspondence. LEWIS, D.R. Shaw, Pittman, Potts & Trowbridge. LEWIS, D.R. General Public Utilities - GPU Service Corp. #484 057. 84/11/08. BERNABEI, L. Government Accountability Project. 4pp. 27416:091. 24X Fiche: 50-289, 84/11/08, 8411090448.

8411090468 Response opposing TMI Alert 841101 motion for leave to present testimony of V Gilinsky on Dieckamp mailgram issue w/o prefiling written testimony. Certificate of Svc encl. Related correspondence. TROWBRIDGE, G.F. General Public Utilities - GPU Service Corp. TROWBRIDGE, G.F. Shaw, Pittman, Potts & Trowbridge. #484 059. 84/11/08. Atomic Safety and Licensing Board Panel. 11pp. 27416:100. 24X Fiche: 50-289, 84/11/08, 8411090468.

8411090475 Response opposing TMI Alert motion to admit deposition of PA Bradford as testimony. Admissibility & probative value of testimony challenged. Certificate of Svc & svc list encl. Related correspondence. TROWBRIDGE, G.F. Shaw, Pittman, Potts & Trowbridge. TROWBRIDGE, G.F. General Public Utilities - GPU Service Corp. #484 058. 84/11/08. Atomic Safety and Licensing Board Panel. 15pp. 27416:134. 24X Fiche: 50-289, 84/11/08, 8411090475.

8411140369 Forwards modified stipulation of parties re mailgram evidence. Related correspondence. GOLDBERG, J.R. Hearing Branch 4. #484 112. 84/11/08. SMITH, I.W., LINENBERGER, G., WOLFE, S.J. Atomic Safety and Licensing Board Panel. 1p. 27467:168. 24X Fiche: 50-289, 84/11/08, 8411140369.

--8411140373 Modified stipulation of all parties agreeing that listed documents or portions of documents be admitted into evidence w/o objection. Related correspondence. GOLDBERG, J.R. Hearing Branch 4. BLAKE, E.L. Shaw, Pittman, Potts & Trowbridge. BLAKE, E.L. General Public Utilities - GPU Service Corp. #484 112. 84/11/08. 10pp. 27467:169. 24X Fiche: 50-289, 84/11/08, 8411140369.

8411190533 Forwards D Gamble affidavit to add to package of pleadings TMI Alert served on parties on 841101. W/o svc list. Related correspondence. BERNABEI, L. Government Accountability Project. #484 152. 84/11/08. SMITH, I.W., WOLFE, S.J., LINENBERGER, G. Atomic Safety and Licensing Board Panel. 7pp. 27549:071. 24X Fiche: 50-289, 84/11/08, 8411190533.

8411140174 Forwards list of documents possibly responsive to various telephone requests or to TMI Alert 840803 first request for production re restart remand on mgt. W/o referenced encl. Related correspondence. GOLDBERG, J.R. Hearing Branch 4. #484 110. 84/11/09. BERNABEI, L. Government Accountability Project. 2pp. 27464:187. 24X Fiche: 50-289, 84/11/09, 8411140174.

8411150229 Supplemental response to licensee Interrogatories U-15, U-20 & U-43. Certificate of Svc encl. Related correspondence. WEISS, E.R. Union of Concerned Scientists. WEISS, E.R. Harmon, Weiss & Jordan. #484 148. 84/11/09. General Public Utilities - GPU Service Corp. 20pp. 27528:165. 24X Fiche: 50-289, 84/11/09, 8411150229.

8411190408 Motion to file UCS 841113 direct testimony of J Regan re training issues & list of documents on 841114. W/Certificate of Svc & svc list. Related correspondence. WEISS, E.R. Union of Concerned Scientists. #484 153. 84/11/09. Atomic Safety and Licensing Board Panel. 4pp. 27551:170. 24X Fiche: 50-289, 84/11/09, 8411190408.

8411190470 Reply to licensee response to TMI Alert motion for leave to present testimony of V Gilinsky on Dieckamp mailgram issue w/o prefiling written testimony. Certificate of Svc encl. Related correspondence. DOROSHOW, J., BERNABEI, L. Three Mile Island Alert. DOROSHOW, J. Christic Institute. #484 136. 84/11/09. Atomic Safety and Licensing Board Panel. 17pp. 27550:138. 24X Fiche: 50-289, 84/11/09, 8411190470.

8411190578 Forwards licensee first supplemental response to TMI Alert fourth set of interrogatories. Affidavits to accompany both licensee response & supplemental response also encl. Related correspondence. LEWIS, D.R. Shaw, Pittman, Potts & Trowbridge. LEWIS, D.R. Metropolitan Edison Co. #484 159. 84/11/09. BERNABEI, L. Government Accountability Project. 1p. 27549:262. 24X Fiche: 50-289, 84/11/09, 8411190578.

DOCKETED ITEMS

93

- 8411190580 Licensee first supplemental response to TMI Alert fourth set of interrogatories. Certificate of Svc & svc list encl. Related correspondence. LEWIS, D.R. Metropolitan Edison Co. LEWIS, D.R. Shaw, Pittman, Potts & Trowbridge. 84/11/09. Atomic Safety and Licensing Board Panel. 9pp. 27549:263. 24X Fiche: 50-289, 84/11/09, 8411190578.
- 8411190379 Notice of appeal of 841031 Initial Decision 83-491-04 concerning steam generator repair. Svc list encl. BRADFORD, L. Three Mile Island Alert. #484 163. 84/11/10. 2pp. 27551:106. 24X Fiche: 50-289, 84/11/10, 8411190379.
- 8411130600 Forwards supplemental response to TMI Alert fifth set of interrogatories to util re restart remand on mgt. Related correspondence. BLAKE, E.L. Shaw, Pittman, Potts & Trowbridge. BLAKE, E.L. General Public Utilities - GPU Service Corp. #484 084. 84/11/12. BERNABEI, L. Government Accountability Project. 1p. 27458:264. 24X Fiche: 50-289, 84/11/12, 8411130600.
- 8411130617 Supplemental response to TMI Alert fifth set of interrogatories to util re restart remand on mgt. Certificate of Svc & svc list encl. Related correspondence. BLAKE, E.L., LEWIS, D.R. Shaw, Pittman, Potts & Trowbridge. BLAKE, E.L. General Public Utilities - GPU Service Corp. 84/11/12. Three Mile Island Alert. 1p. 27458:265. 24X Fiche: 50-289, 84/11/12, 8411130600.
- 8411130665 Forwards addl documents reviewed in connection w/testimony. Lowe reviewed 790918 deposition of G Kunder & Dieckamp mailgram. Related correspondence. LEWIS, D.R. Shaw, Pittman, Potts & Trowbridge. LEWIS, D.R. General Public Utilities - GPU Service Corp. #484 082. 84/11/12. BERNABEI, L. Government Accountability Project. 1p. 27458:173. 24X Fiche: 50-289, 84/11/12, 8411130665.
- 8411130677 Informs that Kidwell not present in control room during 790507 congressional tour & did not hear any conversations re generation or subsequent combustion of hydrogen pressure spike or containment spray. Related correspondence. LEWIS, D.R. Shaw, Pittman, Potts & Trowbridge. LEWIS, D.R. General Public Utilities - GPU Service Corp. #484 083. 84/11/12. BERNABEI, L. Government Accountability Project. 1p. 27458:178. 24X Fiche: 50-289, 84/11/12, 8411130677.
- 8411140425 Reply opposing UCS 841102 preliminary response to Director's decision & request for deferral of 841106 meeting for opportunity to address Commission & for production of certain documents. Certificate of Svc encl. BAXTER, T.A. General Public Utilities - GPU Service Corp. BAXTER, T.A. Shaw, Pittman, Potts & Trowbridge. #484 122. 84/11/13. 17pp. 27491:014. 24X Fiche: 50-289, 84/11/13, 8411140425.
- 8411150259 Application for issuance of subpoena directing DH Gamble to appear on 841120 on behalf of TMI Alert, Inc. Unexecuted subpoena for DH Gamble encl. Related correspondence. BERNABEI, L., DOROSHOW, J. Three Mile Island Alert. BERNABEI, L. Government Accountability Project. #484 132. 84/11/13. Atomic Safety and Licensing Board Panel. 6pp. 27537:258. 24X Fiche: 50-289, 84/11/13, 8411150259.
- 8411150266 Application for issuance of subpoena directing J Chwastyk to appear on 841121 on behalf of TMI Alert, Inc. Unexecuted subpoena for J Chwastyk encl. Certificate of Svc encl. Related correspondence. BERNABEI, L., DOROSHOW, J. Three Mile Island Alert. BERNABEI, L. Government Accountability Project. 84/11/13. Atomic Safety and Licensing Board Panel. 6pp. 27537:264. 24X Fiche: 50-289, 84/11/13, 8411150259.
- 8411190480 Submits list of individuals answering questionnaires that TMI Alert proposes to stipulate into evidence. Individuals answered in affirmative re being aware or informed of 790328 pressure spike & other events. Related correspondence. BERNABEI, L. Government Accountability Project. #484 166. 84/11/13. BLAKE, E.L. Shaw, Pittman, Potts & Trowbridge. 1p. 27553:032. 24X Fiche: 50-289, 84/11/13, 8411190480.
- 8411200086 Order extending time until 841126 for Commission to act to review Director's decision per 2.206. Served on 841119. HOYLE, J.C. Office of the Secretary of the Commission. #484 188. 84/11/13. PALLADINO, N.J., ROBERTS, T.M., ABSELSTINE, J.K. Commissioners. 1p. 27578:034. 24X Fiche: 50-289, 84/11/13, 8411200086.
- 8411280283 Forwards Zeue & Croneberger responses, per ASLB 841026 rulings on TMI Alert fourth set of interrogatories. W/o encl. Related correspondence. LEWIS, D.R. Shaw, Pittman, Potts & Trowbridge. LEWIS, D.R. General Public Utilities - GPU Service Corp. #484 315. 84/11/14. BERNABEI, L. Government Accountability Project. 1p. 27666:359. 24X Fiche: 50-289, 84/11/14, 8411280283.
- 8411190183 Forwards DB Bauser, RP Coe, BP Leonard & MJ Ross affidavits to accompany licensee answers to UCS fourth, fifth, sixth & seventh sets of interrogatories & requests for production of documents. Svc list encl. Related correspondence. BAUSER, D.B. Shaw, Pittman, Potts & Trowbridge. BAUSER, D.B. General Public Utilities - GPU Service Corp. #484 181. 84/11/13. JORDAN, W.S. Harmon, Weiss & Jordan. 11pp. 27554:348. 24X Fiche: 50-289, 84/11/13, 8411190183.
- 8411200003 Advises that staff does not intend to introduce any exhibits as part of affirmative case on training issue, per ASLB 841024 memorandum & order. WAQNER, M.E. Hearing Branch 4. #484 220. 84/11/15. SMITH, I.W., LINENBERGER, G., WOLFE, S.J. Atomic Safety and Licensing Board Panel. 1p. 27578:047. 24X Fiche: 50-289, 84/11/15, 8411200003.
- 8411200002 Order denying 840814 request for mod of footnote to 840806 order. Footnote stated UCS forfeited right to participate as party on mgt issues but allowed to participate on issues as matter of discretion. Served on 841116. CHILK, S.J. Office of the Secretary of the Commission. #484 195. 84/11/16. Union of Concerned Scientists. 2pp. 27578:045. 24X Fiche: 50-289, 84/11/16, 8411200002.
- 8411260021 Stipulation of mailgram evidence re responses to licensee questionnaire concerning restart mgt remand. Related correspondence. BLAKE, E.L. General Public Utilities - GPU Service Corp. BLAKE, E.L. Shaw, Pittman, Potts & Trowbridge. #484 270. 84/11/19. Atomic Safety and Licensing Board Panel. 16pp. 27614:093. 24X Fiche: 50-289, 84/11/19, 8411260021.
- 8411260033 Stipulation of agreement re evidence presented by witnesses concerning restart mgt remand. Certificate of Svc & svc list encl. Related correspondence. BLAKE, E.L. General Public Utilities - GPU Service Corp. BLAKE, E.L. Shaw, Pittman, Potts & Trowbridge. 84/11/19. Atomic Safety and Licensing Board Panel. 14pp. 27614:109. 24X Fiche: 50-289, 84/11/19, 8411260021.
- 8411260026 Motion for directed certification on ASLB 841109 exclusion of testimony of former Commissioners P Bradford & V Gilinsky. Licensee presentation of factual & opinion testimony allowed. DOROSHOW, J., BERNABEI, L. Three Mile Island Alert. DOROSHOW, J. Christic Institute. #484 272. 84/11/19. Atomic Safety and Licensing Appeal Panel. 2pp. 27615:239. 24X Fiche: 50-289, 84/11/19, 8411260026.
- 8411260034 Memorandum of points & authorities in support of motion for certification of ASLB 841109 order barring Gilinsky & Bradford testimony. Supporting documentation & Certificate of Svc encl. DOROSHOW, J., BERNABEI, L. Three Mile Island Alert. DOROSHOW, J. Christic Institute. 84/11/19. Atomic Safety and Licensing Appeal Panel. 35pp. 27615:261. 24X Fiche: 50-289, 84/11/19, 8411260026.
- 8411280207 Forwards five addl exhibits to append prefilled written testimony of TMI Alert witness DH Gamble. Documents recently received by TMI Alert after requested search of staff & Ofc of Inspector & Auditor files. Related correspondence. BERNABEI, L. Government Accountability Project. BERNABEI, L. Three Mile Island Alert. #484 314. 84/11/19. SMITH, I.W., WOLFE, S.J., LINENBERGER, G. Atomic Safety and Licensing Board Panel. 6Opp. 27669:198. 24X Fiche: 50-289, 84/11/19, 8411280207.
- 8411260046 Order requesting all answers to TMI Alert 841119 motion re ASLB 841109 ruling, excluding testimonies of former Commissioners P Bradford & V Gilinsky, concerning restart proceeding on mgt remand by 841128. Served on 841121. SHOENAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 255. 84/11/20. 2pp. 27615:129. 24X Fiche: 50-289, 84/11/20, 8411260046.
- 8411260025 Response supporting TMI Alert motion for directed certification on exclusion of testimonies of former Commissioners P Bradford & V Gilinsky re restart remand on mgt. Certificate of Svc encl. WEISS, E.R. Union of Concerned Scientists. WEISS, E.R. Harmon, Weiss & Jordan. #484 269. 84/11/21. Atomic Safety and Licensing Appeal Panel. 5pp. 27615:234. 24X Fiche: 50-289, 84/11/21, 8411260025.
- 8411280167 Order extending time until 841203 for Commission to act to review director's decision. Served on 841127. HOYLE, J.C. Office of the Secretary of the Commission. #484 317. 84/11/26. Commissioners. 1p. 27656:271. 24X Fiche: 50-289, 84/11/26, 8411280167.

DOCKETED ITEMS

8411290325 Requests ASLB focus attention on record of NRC views of quality of current licensed operator training program for possible use during scheduled hearing. Svc list encl. Related correspondence.
BAUSER, D.B. Shaw, Pittman, Potts & Trowbridge. BAUSER, D.B. General Public Utilities - GPU Service Corp. #484 333. 84/11/26.
SMITH, I.W., WOLFE, S.J., LINENBERGER, G. Atomic Safety and Licensing Board Panel. 4pp. 27676:298. 24X Fiche: 50-289, 84/11/26, 8411290325.

8411290317 Requests that Commission ensure remaining provisions of 10CFR2.780 followed by directing UCS & parties to restart proceeding be served w/written ex parte communications & NRC replies. Util pamphlet inserted w/customer bills encl.
POLLARD, R.D., WEISS, E.R. Union of Concerned Scientists. WEISS, E.R. Harmon, Weiss & Jordan. #484 345. 84/11/27. PALLADINO, N., ROBERTS, T., ABSELSTINE, J.K. Commissioners. 4pp. 27678:055. 24X Fiche: 50-289, 84/11/27, 8411290317.

M. General correspondence

8411260047 Requests Congressional hearing re falsification of leak rate data case. DOJ & NRC deliberately dragging feet so that status of limitations expires before prosecution initiated.
LEE, J. Affiliation Not Assigned. 83/10/01. PALLADINO, GILINSKY, ROBERTS. Commissioners. 4pp. 27651:158. 24X Fiche: 50-289, 83/10/01, 8411260047.

841130212 Forwards response to 840910 ltr re TMI-1 steam generators.
STOLZ, J.F. Operating Reactors Branch 4. 84/10/29. KINNEY, P. Affiliation Not Assigned. 4pp. 27480:124. 24X Fiche: 50-289, 84/10/29, 841130212.

8411080289 Expresses concern re startup of plant.
CULVER, E. Affiliation Not Assigned. 84/11/04. SNYDER, B.J. TMI Program Office. 1p. 27391:330. 24X Fiche: 50-289, 84/11/04, 8411080289.

P. Operating license stage documents & correspondence

8411260117 Rev 7 to Surveillance Procedure SP 1303-1.1, "RCS Leak Rate."
* General Public Utilities - GPU Service Corp. 76/05/25. 26pp. 27653:310. 24X Fiche: 50-289, 76/05/25, 8411260117.

8411260001 Identifies NRC investigators appearing in Harrisburg, PA on 800630 re interviews conducted w/GPU staff.
GAMBLE, D.H. Office of Inspector & Auditor. 80/06/23. WATSON, D. Justice, Dept. of. 1p. 27651:125. 24X Fiche: 50-289, 80/06/23, 8411260001.

8411260018 Castigates NRC for withholding GPU employee statements from DOJ. Statements may well reverse criminal convictions. All info re criminal matters referred to DOJ must be given to DOJ.
LIPPE, L. Justice, Dept. of. 81/03/13. CUMMINGS, J. Office of Inspector & Auditor. 2pp. 27651:132. 24X Fiche: 50-289, 81/03/13, 8411260018.

8411260125 Summarizes potential case before grand jury investigation. Clear case exists if criminality of GPU can be proved. Due to changeovers at DOJ, no decision expected for several wks.
SMITH, R.M. Office of Inspector & Auditor. 82/02/18. CUMMINGS, J.J. Office of Inspector & Auditor. 1p. 27653:095. 24X Fiche: 50-289, 82/02/18, 8411260125.

8411260130 Informs of DOJ desire that NRC not lift order, at GPU request, to maintain all TMI records intact.
CUMMINGS, J.J. Office of Inspector & Auditor. 82/04/29. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27651:247. 24X Fiche: 50-289, 82/04/29, 8411260130.

8411260136 Forwards memo soliciting comments re vacating NRC order that all TMI records be preserved intact.
CUMMINGS, J.J. Office of Inspector & Auditor. 82/04/29. BOWMAN, F. Justice, Dept. of. 1p. 27651:248. 24X Fiche: 50-289, 82/04/29, 8411260136.

8411260119 Advises of conversation w/J West of DOJ. Since J West recently assigned to TMI case, no decision on prosecution expected in near future.
SMITH, R.M. Office of Inspector & Auditor. 82/08/12. Office of Inspector & Auditor. 1p. 27653:094. 24X Fiche: 50-289, 82/08/12, 8411260119.

8411260070 Informs of info given by R Arnold at 830221 meeting w/GPU re Hartman allegations.
STELLO, V. Regional Operations & Generic Requirements. 83/03/30. CUMMINGS, J.J. Office of Inspector & Auditor. 6pp. 27651:208. 24X Fiche: 50-289, 83/03/30, 8411260070.

8411260145 Lists recent documents re Hartman matter.
CASE, E. Director's Office, Office of Inspection and Enforcement. 83/04/22. SNIEZEK, J. Director's Office, Office of Inspection and Enforcement. 1p. 27653:106. 24X Fiche: 50-289, 83/04/22, 8411260145.

8411260114 "BETA Rept Recommendation Categorization: GPU Response Status."
* NRC - No Detailed Affiliation Given. 83/05/02. 26pp. 27653:284. 24X Fiche: 50-289, 83/05/02, 8411260114.

8411260135 Responds to Commission request re staff knowledge of existence of GPU rept. During Mar-Apr 1980, Region I was aware of GPU investigation of Hartman allegations but ceased effort upon learning of DOJ investigation.
DIRCKS, W.J. Office of the Executive Director for Operations. 83/05/04. CHILK, S.J. Office of the Secretary of the Commission. 4pp. 27653:096. 24X Fiche: 50-289, 83/05/04, 8411260135.

8411260165 Provides status rept of revalidation effort for restart. Discovery of two new studies requires addl 10 days to complete effort.
DIRCKS, W.J. Office of the Executive Director for Operations. 83/05/06. PALLADINO, Commissioners. 13pp. 27651:309. 24X Fiche: 50-289, 83/05/06, 8411260165.

8411260142 Requests encl response to Congressman Udall 830225 question re rept of leak rate investigation, for formal concurrence.
PALLADINO, N.J. Commissioners. 83/05/10. CHILK, S.J. Office of the Secretary of the Commission. 3pp. 27653:103. 24X Fiche: 50-289, 83/05/10, 8411260142.

8305250011 Trip rept of 830511 visit to New York City, NY re data for "Priority Concerns of Licensed Nuclear Operators at TMI & Oyster Creek & Suggested Action Steps," prepared for GPU by Rohrer, Hibler & Replogle, Inc.
CROCKER, L.P. Licensee Qualifications Branch. 83/05/13. BOOHER, H.R. Licensee Qualifications Branch. 3pp. 27651:242. 24X Fiche: 50-000, 83/05/13, 8305250011.

8411260153 Suggests DOJ be contacted re public availability of four listed documents.
CASE, E. NRC - No Detailed Affiliation Given. 83/05/19. CUMMINGS, J.J. NRC - No Detailed Affiliation Given. 2pp. 27653:109. 24X Fiche: 50-289, 83/05/19, 8411260153.

8411260086 Requests assistance in determining necessity for board notification to advise Commission of two recent repts on mgt integrity & adherence to station procedures.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 83/05/24. CUNNINGHAM, G.H. Office of the Executive Legal Director. 2pp. 27653:082. 24X Fiche: 50-289, 83/05/24, 8411260086.

8411260156 "GPU Response to Rohrer, Hibler & Replogle (RHR) Rept on 'Primary Concerns of Licensed Nuclear Operators.'"
LONG, R.L. General Public Utilities - GPU Service Corp. 83/05/25. 21pp. 27653:251. 24X Fiche: 50-289, 83/05/25, 8411260156.

8411260066 Advises of status of investigation into Hartman allegations. No substantive info re Hartman allegations found in review depositions of listed individuals.
STELLO, V. Regional Operations & Generic Requirements. 83/06/03. CUMMINGS, J.J. Office of Inspector & Auditor. 2pp. 27651:206. 24X Fiche: 50-289, 83/06/03, 8411260066.

8411260126 Advises of intent to forward recipient 830519 memo to Ofc of Investigators, in view of DOJ recent decision re Hartman allegations.
CUMMINGS, J.J. Office of Inspector & Auditor. 83/06/07. CASE, E. NRC - No Detailed Affiliation Given. 1p. 27651:246. 24X Fiche: 50-289, 83/06/07, 8411260126.

8306170119 Outlines proposed actions re plant restart, in response to 830602 staff requirement memo to complete review of BETA & RHR repts & to evaluate GPU corporate institution as outlined in EDO 830607 memo to Commission.
THOMPSON, H.L. Division of Human Factors Safety. 83/06/08. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 6pp. 27651:306. 24X Fiche: 50-289, 83/06/08, 8306170119.

8306240357 Informs that div will not include any review re program proposed in EDO 830607 memo on restart in current efforts.
THOMPSON, H.L. Division of Human Factors Safety. 83/06/13. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27651:305. 24X Fiche: 50-289, 83/06/13, 8306240357.

8411260107 "BETA Rept TMI-1 Potential Safety-Related Recommendations: GPU Response Status."
* NRC - No Detailed Affiliation Given. 83/06/13. 12pp. 27653:272. 24X Fiche: 50-289, 83/06/13, 8411260107.

DOCKETED ITEMS

95

- 8411260095 Advocates separation of restart decision from questions re integrity of individual employees.
CROCKER, L. P. Licensee Qualifications Branch. 83/06/30. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 3pp. 27651:237. 24X Fiche: 50-289, 83/06/30, 8411260095.
- 8411260267 Forwards listed documents re Hartman allegations, supplementing T Martin 830606 list.
CUMMINGS, J. J. Office of Inspector & Auditor. 83/07/09. PALLADINO, GILINSKY, ROBERTS Commissioners. 35pp. 27653:196. 24X Fiche: 50-289, 83/07/09, 8411260267.
- 8411260248 Advises of status of investigation of leak rate testing & addition of makeup tankwater during tests. Technical review will be performed prior to any investigation.
PALLADINO, N. J. Commissioners. 83/07/07. GILINSKY, ROBERTS, ASSELSTINE Commissioners. 1p. 27651:343. 24X Fiche: 50-289, 83/07/07, 8411260248.
- 8411260247 Handwritten memo re status of investigation of leak rate test result falsification.
MURLEY, T. Region 1, Office of Director. 83/07/12. DIRCKS, B. NRC - No Detailed Affiliation Given. 2pp. 27651:341. 24X Fiche: 50-289, 83/07/12, 8411260247.
- 8411260060 Confirms 830711 telcon re FOIA Request 83-305. All documents responsive turned over to Ofc of Investigations who will make determination re release.
GUTIERREZ, J. M. Region 1, Office of Director. 83/07/13. SHOMAKER, E. C. Operations & Administrative Division. 1p. 27651:205. 24X Fiche: 50-289, 83/07/13, 8411260060.
- 8411260102 Ack receipt of 830715 memo re replacement of personnel within GPU & Met Ed. Author will no longer pursue matter but still objects to wholesale reassignment which stigmatizes innocent.
CROCKER, L. P. Licensee Qualifications Branch. 83/07/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27651:240. 24X Fiche: 50-289, 83/07/26, 8411260102.
- 8411260050 Identifies & reviews major issues in Hartman case. NRC restart decision must await DOJ investigation results. All requests from DOJ implying that NRC should curb investigative efforts will be requested in writing.
CUMMINGS, J. J. Office of Inspector & Auditor. 83/07/28. PLAINE, H. H. Office of the General Counsel. 2pp. 27653:231. 24X Fiche: 50-289, 83/07/28, 8411260050.
- 8411260058 Details recent communications w/DOJ re TMI-related litigation.
CUMMINGS, J. J. Office of Inspector & Auditor. 83/08/16. PALLADINO, GILINSKY, ROBERTS Commissioners. 2pp. 27653:233. 24X Fiche: 50-289, 83/08/16, 8411260058.
- 8411260158 Comments on proposed response to Congressmen Udall & Markey 830801 ltr re Hartman allegations. Ofc of Investigations was not in existence when alleged leak rate falsification occurred.
HAYES, B. B. Office of Investigation. 83/08/16. PALLADINO Commissioners. 6pp. 27653:111. 24X Fiche: 50-289, 83/08/16, 8411260158.
- 8311020294 Forwards addl info re NRC insp of results of previous leak rate tests in which 33 apparent irregularities & 23 missing calculations identified. Info eliminates many NRC questions.
THORPE, J. R. General Public Utilities - GPU Service Corp. 83/08/18. STAROSTECKI, R. Division of Project & Resident Programs. 7pp. 27563:336. 24X Fiche: 50-289, 83/08/18, 8311020294.
- 8411260163 Forwards draft response to Congressmen Udall & Markey 830801 ltr re Hartman allegations, for comment.
GOLDBERG, J. R. Hearing Branch 4. 83/08/18. PLAINE, H. H. Office of the General Counsel. CUMMINGS, J. J. Office of Inspector & Auditor. HAYES, B. B. Office of Investigation. 13pp. 27653:117. 24X Fiche: 50-289, 83/08/18, 8411260163.
- 8411260235 Responds to 830811 ltr re falsification of leak rates. Recipient ltr based on misinterpretation of Commissioner Gilinsky question.
DIRCKS, W. J. Office of the Executive Director for Operations. 83/08/22. WEISS, E. R. Harmon, Weiss & Jordan. 1p. 27651:335. 24X Fiche: 50-289, 83/08/22, 8411260235.
- 8411260342 Suggests EDO designate staff member to provide assistance on leak rate investigation, per Ofc of Inspector & Auditor 830813 memo on contacts w/DOJ.
PALLADINO, N. J. Commissioners. 83/08/23. GILINSKY, ROBERTS, ASSELSTINE Commissioners. 1p. 27651:348. 24X Fiche: 50-289, 83/08/23, 8411260342.
- 8411260173 Forwards draft response to Congressmen Udall & Markey 830801 ltr re Hartman allegations. V Stello requests concurrence by 830829.
GOLDBERG, J. R. Hearing Branch 4. 83/08/26. PLAINE, H. H. Office of the General Counsel. CUMMINGS, J. J. Office of Inspector & Auditor. HAYES, B. B. Office of Investigation. 12pp. 27653:130. 24X Fiche: 50-289, 83/08/26, 8411260173.
- 8411260217 Forwards K Christopher memo recommending appropriate authority to examine performance of leak rate test of randomly selected plants.
HAYES, B. B. Office of Investigation. 83/08/26. DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27651:331. 24X Fiche: 50-289, 83/08/26, 8411260217.
- 8411260121 Provides status of personal actions re leak rate falsification investigation. On 830829 author called J West to inform of NRC opinion that rates were falsified. Rept will be issued.
CUMMINGS, J. J. Office of Inspector & Auditor. 83/08/31. Office of Inspector & Auditor. 1p. 27651:245. 24X Fiche: 50-289, 83/08/31, 8411260121.
- 8411260128 Forwards final draft Suppl 4 to NUREG-0680, "TMI-1 Restart." NUREG provides results of evaluation of RHR & BETA repts.
EISENHUT, D. G. Division of Licensing. 83/08/31. MURLEY, T. E. Region 1, Office of Director. 212pp. 27652:001. 24X Fiche: 50-289, 83/08/31, 8411260128.
- 8411260218 Forwards comments of staff involved in evaluation of RHR & BETA repts on restart issues (NUREG-0680, Suppl 4). Suppl should be released to public.
MURLEY, T. E. Region 1, Office of Director. 83/09/08. EISENHUT, D. G. Division of Licensing. 6pp. 27653:169. 24X Fiche: 50-289, 83/09/08, 8411260218.
- 8411260346 Outlines schedule for TMI-1 restart. Three major pacing items are Hartman investigation, NSHC consideration & hardware issues. Milestone chart encl.
ZERBE, J. E. Office of Policy Evaluations. 83/09/09. PALLADINO, GILINSKY, ROBERTS Commissioners. 4pp. 27651:349. 24X Fiche: 50-289, 83/09/09, 8411260346.
- 8411260187 Forwards draft response to Congressmen Udall & Markey 830801 questions. Draft reflects ASLAS reopening of record for receipt of info re Hartman allegations.
GOLDBERG, J. R. Hearing Branch 4. 83/09/14. PLAINE, H. H. Office of the General Counsel. CUMMINGS, J. J. Office of the Executive Legal Director. CUMMINGS, J. J. Office of Inspector & Auditor. 10pp. 27653:154. 24X Fiche: 50-289, 83/09/14, 8411260187.
- 8411260222 Outlines IE responsibilities re investigation of alleged falsification of RCS leak rate tests.
DIRCKS, W. J. Office of the Executive Director for Operations. 83/09/20. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. 1p. 27651:332. 24X Fiche: 50-289, 83/09/20, 8411260222.
- 8411260226 Advises that, in response to 830822 & 26 memos, IE directed to evaluate RCS leak rate procedures & calculational methods in use during 1978.
DIRCKS, W. J. Office of the Executive Director for Operations. 83/09/20. HAYES, B. B. Office of Investigation. 2pp. 27651:333. 24X Fiche: 50-289, 83/09/20, 8411260226.
- 841160024 Informs that 11 misfiled leak rate records referred to in util 830818 ltr provided to Chung on 830909 along w/Revs 8 & 9 to Administrative Procedure 1012, "Shift Relief & Log Entries."
HUKILL, H. D. General Public Utilities - GPU Service Corp. 83/09/21. STAROSTECKI, R. Region 1, Office of Director. 1p. 27538:223. 24X Fiche: 50-289, 83/09/21, 841160024.
- 8411260137 Forwards draft Suppl 4 to NUREG-0680, "TMI-1 Restart." NUREG constitutes review of RHR & BETA repts, per 830602 staff requirements memo.
THOMPSON, H. L. Division of Human Factors Safety. 83/09/26. EISENHUT, D. G. Division of Licensing. 180pp. 27652:213. 24X Fiche: 50-289, 83/09/26, 8411260137.
- 8411260182 Forwards draft response to Congressmen Udall & Markey 830801 questions re Hartman allegations. Response to Questions 1 & 2f differ from earlier draft.
GOLDBERG, J. R. Hearing Branch 4. 83/09/26. PLAINE, H. H. Office of the General Counsel. CUMMINGS, J. J. Office of the Executive Legal Director. CUMMINGS, J. J. Office of Inspector & Auditor. 12pp. 27653:142. 24X Fiche: 50-289, 83/09/26, 8411260182.
- 8310120423 Forwards "Effects of Matters Raised by RHR & BETA Repts on Mgt Issues Litigated During TMI-1 Restart."
THOMPSON, H. L. Division of Human Factors Safety. 83/09/28. CHRISTENBURY, E. Hearings Division. 1p. 27651:304. 24X Fiche: 50-289, 83/09/28, 8310120423.

DOCKETED ITEMS

- 8411260081 Addresses status of two addl allegations made by H Hartman in 1980. Neither allegation provides Ofc of Investigations w/basis to initiate new investigation. CHRISTOPHER, R. Office of Investigation. 83/10/19. HAYES, B.B. Office of Investigation. 4pp. 27653:078. 24X Fiche: 50-289, 83/10/19, 8411260081.
- 8411260249 Requests Ofc of General Counsel contact senior member of special inquiry group to obtain response to listed question re substance of Ornstein draft. Response due by 831104. PALLADINO, N.J. Commissioners. 83/10/25. PLAINE, H.H. Office of the General Counsel. 2pp. 27651:344. 24X Fiche: 50-289, 83/10/25, 8411260249.
- 8411260022 Clarifies V Stello memo re Hartman matter, indicating author withheld info from Commission. AHEARNE, J. NRC - No Detailed Affiliation Given. 83/11/21. BRADFORD, P. NRC - No Detailed Affiliation Given. 3pp. 27651:155. 24X Fiche: 50-289, 83/11/21, 8411260022.
- 8411260194 Forwards restart recommendations. NRC should approve equipment, procedures & operator training necessary to ensure operator ability to deal w/incidents where natural circulation cooling could be impeded. MURLEY, T.E. Region 1, Office of Director. 83/12/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27653:164. 24X Fiche: 50-289, 83/12/02, 8411260194.
- 8411260210 Outlines actions proposed as following to 831206 discussion re restart. MURLEY, T.E. Region 1, Office of Director. 83/12/07. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27653:168. 24X Fiche: 50-289, 83/12/07, 8411260210.
- 8411260093 Forwards two addl documents responsive to Congressmen Udall & Markey 831108 request. Draft documents identified do not fall under purview of request. DIRCKS, W.J. Office of the Executive Director for Operations. 84/01/09. PALLADINO, GILINSKY, ROBERTS Commissioners. 1p. 27653:237. 24X Fiche: 50-289, 84/01/09, 8411260093.
- 8411260111 Forwards list of staff-originated documents responsive to Udall/Markey request re leak rate falsification matter. List should be reviewed & addl documents identified. DIRCKS, W.J. Office of the Executive Director for Operations. 84/01/09. STELLIG, V. Regional Operations & Generic Requirements. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 2pp. 27653:238. 24X Fiche: 50-289, 84/01/09, 8411260111.
- 8411260180 Responds to request for comments on draft memo re investigative evaluation to remaining Hartman allegations. Staff will not comment on preliminary conclusions. Sufficient effort expended on startup & Hartman resignation. DIRCKS, W.J. Office of the Executive Director for Operations. 84/03/05. HAYES, B.B. Office of Investigation. 1p. 27653:066. 24X Fiche: 50-289, 84/03/05, 8411260180.
- 8411010602 Forwards 841018 memo re various analyses performed by NRC in support of activities associated w/TMI-2 leak rate criminal trial. VAN VLIET, J. Operating Reactors Branch 4. 84/10/22. Operating Reactors Branch 4. 1p. 27251:123. 24X Fiche: 50-289, 84/10/22, 8411010602.
- 8411010612 Forwards JF Wilson 841004 ltr providing matl received from DOJ during plea bargaining negotiations associated w/TMI-2 leak rate criminal trial. Matl will be submitted to boards to TMI-1 restart proceeding. CAPRA, R.A. Division of Systems Integration (post 811005). 84/10/18. VAN VLIET, J. Operating Reactors Branch 4. 2pp. 27251:124. 24X Fiche: 50-289, 84/10/22, 8411010602.
- 8411010617 Forwards matl commonly referred to as Chung Rept, per request. WILSON, J.F. Bishop, Liberman, Cook, Purcell & Reynolds. 84/10/04. CAPRA, R. Division of Human Factors Safety. 5pp. 27251:126. 24X Fiche: 50-289, 84/10/22, 8411010602.
- 8411010623 Provides observations made during review of info for evaluation of potential correlation between airborne radionuclide concentration readings on reactor bldg atmospheric radiation monitor. MOSLAK, T.A. NRC - No Detailed Affiliation Given. 83/07/22. MARTIN, T.T. NRC - No Detailed Affiliation Given. 74pp. 27251:177. 24X Fiche: 50-289, 84/10/22, 8411010602.
- 8411050135 Forwards SSER re relief requests remaining from open items in Amend 71 to License DPR-50 on pump & valve inservice testing. Inservice testing procedures should be revised & rev to Tech Specs submitted within 120 days. STOLZ, J.F. Operating Reactors Branch 4. 84/10/23. HUKILL, H.D. General Public Utilities - GPU Service Corp. 5pp. 27310:348. 24X Fiche: 50-289, 84/10/23, 8411050135.
- 8411050154 SSER re relief requests remaining from open items in Amend 71 to License DPR-50 re pump & valve inservice testing. * Mechanical Engineering Branch. 84/10/23. 7pp. 27310:353. 24X Fiche: 50-289, 84/10/23, 8411050135.
- 8411010421 Notification of 841030 meeting w/util in Bethesda, MD to discuss licensee approach for defining important to safety components & sys re GA requirements. VAN VLIET, J. Operating Reactors Branch 4. 84/10/25. STOLZ, J.F. Operating Reactors Branch 4. 3pp. 27251:289. 24X Fiche: 50-289, 84/10/25, 8411010421.
- 8411020506 Forwards handwritten notes responsive to discovery request which should be placed in PDR & in LPDR for TMI-1 restart proceeding, per 841004 response to Intervenor UCS. FINKELSTEIN, L. Office of the Executive Legal Director. 84/10/25. MCKNIGHT, J. Document Management Branch. 48pp. 27261:301. 24X Fiche: 50-289, 84/10/25, 8411020506.
- 8411190604 Forwards Amend 102 to License DPR-50 & safety evaluation. Amend corrects clerical error in Tech Spec 3.6.7 & adds comments to Tech Spec Table 4.1-1 re independent testing of shunt trip & undervoltage trip features. STOLZ, J.F. Operating Reactors Branch 4. 84/10/31. HUKILL, H.D. General Public Utilities - GPU Service Corp. 5pp. 27583:089. 24X Fiche: 50-289, 84/10/31, 8411190604.
- 8411190605 Amend 102 to License DPR-50, correcting clerical error in Tech Spec 3.6.7 & adding comments to Tech Spec Table 4.1-1 re independent testing of shunt trip & undervoltage trip features. STOLZ, J.F. Operating Reactors Branch 4. 84/10/31. 7pp. 27583:094. 24X Fiche: 50-289, 84/10/31, 8411190604.
- 8411190606 Safety evaluation supporting Amend 102 to License DPR-50. * Office of Nuclear Reactor Regulation, Director. 84/10/31. 3pp. 27583:101. 24X Fiche: 50-289, 84/10/31, 8411190604.
- 8411060117 Forwards "Nuclear Safety & Compliance Committee Rept 1 to Board of Directors." Rept will be served on parties in TMI-1 restart hearing. CLARK, P.R. General Public Utilities - GPU Service Corp. 84/11/01. DENTON, H. Office of Nuclear Reactor Regulation, Director. 3pp. 27322:291. 24X Fiche: 50-289, 84/11/01, 8411060117.
- 8411060121 "Nuclear Safety & Compliance Committee Rept 1 to GPU Board of Directors." LANEY, R.V., HUMPHREYS, L.L., WITZIG, W.F. General Public Utilities - GPU Service Corp. 84/10/15. 3pp. 27322:294. 24X Fiche: 50-289, 84/11/01, 8411060117.
- 8411140393 Responds to comments identified in 840926 ltr re results of audit of small break LOCA radiation files. Auxiliary lube oil pump motors & associated pressure switches will be qualified. WILSON, R.F. General Public Utilities - GPU Service Corp. 84/11/09. EISENHUT, D.G. Division of Licensing. 3pp. 27470:039. 24X Fiche: 50-289, 84/11/09, 8411140393.
- 8411160053 Staff requirements memo re briefing/possible vote in Washington, DC on UCS 10CFR2, 206 petition on TMI-1 emergency feedwater sys not seismically qualified at time of TMI-2 accident. CHILK, B.J. Office of the Secretary of the Commission. 84/11/09. DIRCKS, W.J. Office of the Executive Director for Operations. 1p. 27565:361. 24X Fiche: 50-289, 84/11/09, 8411160053.
- 8411260417 Informs of plans to monitor condenser off-gas for noble gas activity, per ASLB order. Draft Tech Specs re radioactive gaseous process & effluent monitoring instrumentation forwarded for info. HUKILL, H.D. General Public Utilities - GPU Service Corp. 84/11/19. STOLZ, J.F. Operating Reactors Branch 4. 8pp. 27611:322. 24X Fiche: 50-289, 84/11/19, 8411260417.

G. Inspection reports, IE Bulletins & correspondence

- 8411260260 Inquiry Rept G-1-83-015 re possible falsification of reactor operator training records. CONNOLLY, D.J., CHRISTOPHER, R. Office of Investigation. 83/06/26. 12pp. 27653:182. 24X Fiche: 50-289, 83/06/26, 8411260260.
- 8411260205 Responds to 830408 request to determine whether 1980 Faegre & Benson rept re Hartman allegation & 1982 Hartman depositions should have been submitted in more timely fashion to Commission. DIRCKS, W.J. Office of the Executive Director for Operations. 83/06/29. PALLADINO, GILINSKY, AHEARNE Commissioners. 8pp. 27651:322. 24X Fiche: 50-289, 83/06/29, 8411260205.

DOCKETED ITEMS

97

8411260212 Submits opinion of addl actions NRC should consider re GPU mgt competence issue in context of Investigation 1-83-010 (alleged falsification of RCS leak rate tests).
CHRISTOPHER, R. Office of Investigation. 83/08/02. HAYES, B. B. Office of Investigation. 1p. 27651:330. 24X Fiche: 50-289, 83/08/02, 8411260212.

8411270452 Requests guidance re handling insp rept (upon completion) of leak rate testing. Rept will respond to Chairman Palladino 830707 request that EDO investigate incidents of makeup tank water addition during leak rate tests.
MURLEY, T. E. Region 1, Office of Director. 83/08/04. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. HAYES, B. B. Office of Investigation. CUMMINGS, J. M. Office of Inspector & Auditor. 2pp. 27653:180. 24X Fiche: 50-289, 83/08/04, 8411270452.

8411260264 Forwards Inquiry Rept G-1-83-015 re possible falsification of reactor operator training records. Info based on GPU 830602 memo.
MURLEY, T. E. Region 1, Office of Director. 83/08/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27653:194. 24X Fiche: 50-289, 83/08/05, 8411260264.

8411260068 Clarifies conclusions of Insp Rept 50-289/83-20 re leak rate tests. Many missing documents recently discovered. Encls specify disposition of each insp rept item.
THORPE, J. R. General Public Utilities - GPU Service Corp. 83/08/18. STAROSTECKI, R. Division of Project & Resident Programs. 7pp. 27653:067. 24X Fiche: 50-289, 83/08/18, 8411260068.

8411260113 Responds to GPU 830818 ltr re insp of RCS leak rate test. No insp findings transmitted to GPU. Exit meeting canceled. Insp summary encl.
EBNETER, S. D. Division of Engineering & Technical Programs. 83/09/02. MURLEY, T. E. Region 1, Office of Director. 4pp. 27653:090. 24X Fiche: 50-289, 83/09/02, 8411260113.

8411260075 Forwards TT Martin 830603 status rept to assist Ofc of Investigations response to Commission inquiry re status of investigation into two Hartman allegations. Allegations pose no health or safety issues.
MURLEY, T. E. Region 1, Office of Director. 83/10/03. DIRCKS, W. J. Office of the Executive Director for Operations. 4pp. 27653:074. 24X Fiche: 50-289, 83/10/03, 8411260075.

8411260225 Advises of statement overheard re withholding of RHR & BETA repts from public. Full investigation required. Commission imposed 840401 deadline.
CHRISTOPHER, R. Office of Investigation. 84/02/08. MURLEY, T. E. Region 1, Office of Director. 1p. 27653:175. 24X Fiche: 50-289, 84/02/08, 8411260225.

8411260231 Outlines investigation re R Christopher 840208 memo. No one recalls making statement re proprietary nature of RHR & BETA repts. Licensee not trying to impede NRC from seeing repts.
CAPHTON, D. L. Division of Engineering & Technical Programs. 84/02/13. MARTIN, T. T. Division of Engineering & Technical Programs. 3pp. 27653:176. 24X Fiche: 50-289, 84/02/13, 8411260231.

8411260251 Responds to 840208 memo re investigation concerning RHR & BETA repts. No one recalls making alleged statement.
MURLEY, T. E. Region 1, Office of Director. 84/02/14. CHRISTOPHER, R. Office of Investigation. 1p. 27653:179. 24X Fiche: 50-289, 84/02/14, 8411260251.

8411260084 Forwards memo & revised pages for Insp Rept 50-289/83-20 re RCS leak rate tests. Rev will be incorporated into final rept package.
BETTENHAUSEN, L. Division of Engineering & Technical Programs. 84/02/28. CHRISTOPHER, R. Office of Investigation. 1p. 27651:236. 24X Fiche: 50-289, 84/02/28, 8411260084.

8411010431 Notification of cancellation of 841026 meeting w/util in Middleton, PA to discuss principles of licensee graded approach to GA as explained in Insp Rept 50-289/84-12.
VAN VLIET, J. Operating Reactors Branch 4. 84/10/18. STOLZ, J. F. Operating Reactors Branch 4. 1p. 27251:282. 24X Fiche: 50-289, 84/10/18, 8411010431.

8411130225 Forwards Insp Rept 50-289/84-23 on 840803 & 07-10. No violations noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/18. HUKILL, H. D. General Public Utilities - GPU Service Corp. 2pp. 27460:013. 24X Fiche: 50-289, 84/10/18, 8411130225.

--8411130228 Insp Rept 50-289/84-23 on 840803 & 07-10. No violations noted. Major areas inspected: leak reduction program for sys outside containment; including GA interface & coverage for subj program.
CAPHTON, D. L.; BETTENHAUSEN, L. Region 1, Office of Director. 84/10/02. 11pp. 27460:015. 24X Fiche: 50-289, 84/10/18, 8411130225.

8411130619 Forwards Insp Rept 50-289/84-27 on 840904-07. No violations noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/19. HUKILL, H. D. General Public Utilities - GPU Service Corp. 4pp. 27462:001. 24X Fiche: 50-289, 84/10/19, 8411130619.

--8411130627 Insp Rept 50-289/84-27 on 840904-07. No violations noted. Major areas inspected: action on previous NRC findings & design change activities.
EAPEN, P. K.; EBNETER, S. D. Region 1, Office of Director. 84/10/16. 6pp. 27462:005. 24X Fiche: 50-289, 84/10/19, 8411130619.

8411060108 Forwards "Rept of Bechtel North American Power Corp re Allegations of RD Parks: Oct 1984," to be used for enforcement review. W/o encl.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 84/10/23. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. 1p. 27383:272. 24X Fiche: 50-289, 84/10/23, 8411060108.

8411160243 Forwards Exam Rept 50-289/84-25 of exam administered during wk of 840806.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/23. HUKILL, H. D. General Public Utilities - GPU Service Corp. 4pp. 27540:145. 24X Fiche: 50-289, 84/10/23, 8411160243.

--8411160251 Exam Rept 50-289/84-25 on 840827-30. Exam results: one senior reactor operator exam administered & evaluated as pass. Insp evaluated administration of requalification program as adequate to meet regulatory requirements.
DUDLEY, N. Region 1, Office of Director. 84/10/16. 36pp. 27540:149. 24X Fiche: 50-289, 84/10/23, 8411160243.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411080188 Forwards Insp Rept 50-289/84-24 on 840803-0907 & notice of violation.
GREENMAN, E. G. Division of Project & Resident Programs. 84/11/02. HUKILL, H. D. General Public Utilities - GPU Service Corp. 3pp. 27392:290. 24X Fiche: 50-289, 84/11/02, 8411080188.

--8411080198 Notice of violation from insp on 840803-0907.
* Region 1, Office of Director. 84/11/02. 3pp. 27392:293. 24X Fiche: 50-289, 84/11/02, 8411080188.

--8411080207 Insp Rept 50-289/84-24 on 840803-0907. Violation noted: personnel failure to adequately review Safety Maint Procedure 1407-1 re minor maint work form.
YOUNG, F.; BAUNACK, W.; CONTE, R. Region 1, Office of Director. 84/10/09. 10pp. 27392:296. 24X Fiche: 50-289, 84/11/02, 8411080188.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411290606 Forwards Insp Rept 50-289/84-31 on 841001-05. No violation noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/11/06. HUKILL, H. D. General Public Utilities - GPU Service Corp. 2pp. 27722:189. 24X Fiche: 50-289, 84/11/06, 8411290606.

--8411290615 Insp Rept 50-289/84-31 on 841001-05. No violation noted. Major areas inspected: licensee action on previous insp findings, onsite committee activities, organization & administration & GA shift monitoring.
SHAUB, E. T.; WEN, P.; BETTENHAUSEN, L. Region 1, Office of Director. 84/10/26. 11pp. 27722:191. 24X Fiche: 50-289, 84/11/06, 8411290606.

8411120283 Forwards Insp Rept 50-289/84-19 on 840827-30. No violations noted. Addl operator training required in area of predicting nuclear instrumentation response from subcriticality to criticality.
STAROSTECKI, R. Division of Project & Resident Programs. 84/11/07. HUKILL, H. D. General Public Utilities - GPU Service Corp. 4pp. 27426:220. 24X Fiche: 50-289, 84/11/07, 8411120283.

DOCKETED ITEMS

--841120307 IE Insp Rept 50-289/84-19 on 840827-30. No violations noted. Major areas inspected: lesson plans for classroom, basic principles simulator & B&W simulator training which provided addl instruction in knowledge area weaknesses. DUDLEY, N., BAUNACK, W., KELLER, R.M. Region 1, Office of Director. 84/10/09. 5pp. 27426:224. 24X Fiche: 50-289, 84/11/07, 841120283.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27447:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

8411260149 "Responses to Recommendations of Basic Energy Technology Assoc. Inc. As Set Forth in Rept Dtd 830228, GPU Third Quarter 1983 Status Update." * General Public Utilities - GPU Service Corp. 83/11/01. 11pp. 27653:240. 24X Fiche: 50-289, 83/11/01, 8411260149.

S. Reportable occurrences, LERs & related correspondence

8411290219 FOIA request for documents re electrical relay failures including Class IE relay failures at listed plants & utilization of GE Type HFA 51 Series ac relays or other relays using Lexan coil spool matl. BELL, N. Nuclear Information & Resource Service. 84/04/25. Office of Administration. 2pp. 27698:352. 24X Fiche: 50-000, 84/04/25, 8411290219.

8411290240 Partial response to FOIA request for documents re electrical relay failures, including 1983 Class IE relay failures at listed plants. Documents listed on encl printouts available in PDR. FELTON, J.M. Division of Rules and Records. 84/05/17. BELL, N. Nuclear Information & Resource Service. 2pp. 27698:354. 24X Fiche: 50-000, 84/05/17, 8411290240.

841120226 Responds to remaining questions of 840921 ltr re pump shaft damage. Info addresses causes, relationship of shaft failure to locked rotor event, pressure boundary integrity & safety significance of impeller damage. HUKILL, H.D. General Public Utilities - GPU Service Corp. 84/11/02. STOLZ, J.F. Operating Reactors Branch 4. 5pp. 27430:001. 24X Fiche: 50-289, 84/11/02, 841120226.

T. Hearing transcripts on non-antitrust matters

8411260148 Forwards transcripts, testimony & interview records re Hartman investigation. W/o encl. MARTIN, T.T. Division of Engineering & Technical Programs. 83/03/28. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27653:107. 24X Fiche: 50-289, 83/03/28, 8411260148.

8411290193 FOIA request for transcript of Commission 840124 meeting re future steps to TMI-1 restart. RYAN, M.L. McGraw-Hill Publications Co. 84/02/23. Office of Administration. 1p. 27699:214. 24X Fiche: 50-289, 84/02/23, 8411290193.

8411290209 Responds to FOIA request for transcripts of Commission 840124 meeting on future steps to TMI-1 restart. Portions of transcript available in PDR. Portions of transcript withheld. HOYLE, J.C. Office of the Secretary of the Commission. 84/06/04. RYAN, M.L. McGraw-Hill Publications Co. 1p. 27699:215. 24X Fiche: 50-289, 84/06/04, 8411290209.

8411020114 Transcript of 841026 prehearing conference in Bethesda, MD re restart mgt remand. Pg. 27, 563-27, 825. * Commissioners. 84/10/26. 233pp. 27256:174. 24X Fiche: 50-289, 84/10/26, 8411020114.

8411050427 Forwards testimonies of TL Van Witbeck, MW Lowe, EL Zebroski & HM Dieckamp re containment pressure spike referred to in H Dieckamp 790509 mailgram. Related correspondence. BLAKE, E.L. Shaw, Pittman, Potts & Trowbridge. BLAKE, E.L. General Public Utilities - GPU Service Corp. #484 889. 84/11/01. SMITH, I.W., WOLFE, S.J., LINENBERGER, G. Atomic Safety and Licensing Board Panel. 2pp. 27298:047. 24X Fiche: 50-289, 84/11/01, 8411050427.

--8411050431 Testimony of TL Van Witbeck re pressure spike on 790331. Related correspondence. VAN WITBECK, T. General Public Utilities - GPU Service Corp. 84/11/01. App. 27298:049. 24X Fiche: 50-289, 84/11/01, 8411050427.

--8411050434 Testimony of MW Lowe re containment pressure spike referred to in H Dieckamp 790509 mailgram to Congressman Udall. Related correspondence. LOWE, W.W. General Public Utilities - GPU Service Corp. LOWE, W.W. Pickard, Lowe & Garrick, Inc. 84/11/01. 15pp. 27298:053. 24X Fiche: 50-289, 84/11/01, 8411050427.

--8411050437 Testimony of EL Zebroski re TMI incident. Related correspondence. ZEBROSKI, E.L. General Public Utilities - GPU Service Corp. LINENBERGER, G. Electric Power Research Institute. 84/11/01. 12pp. 27298:068. 24X Fiche: 50-289, 84/11/01, 8411050427.

--8411050440 Testimony of HM Dieckamp re mailgram. Certificate of Svc encl. Related correspondence. DIECKAMP, H.M. General Public Utilities - GPU Service Corp. 84/11/01. 38pp. 27298:080. 24X Fiche: 50-289, 84/11/01, 8411050427.

8411060348 Motion to admit 841023 deposition of PA Bradford as testimony of unavailable witness. Requiring PA Bradford to testify at hearing would be burden in terms of time, effort & financial hardship on TMI Alert. Related correspondence. DOROSHOW, J., BERNABEI, L. Three Mile Island Alert. DOROSHOW, J. Christic Institute. #484 911. 84/11/01. Atomic Safety and Licensing Board Panel. 12pp. 27316:337. 24X Fiche: 50-289, 84/11/01, 8411060348.

--8411060359 Testimony of DH Gamble re deficiencies in NRC investigation into communication of info concerning significant events & reactor conditions during TMI accident. Related correspondence. GAMBLE, D.H. Three Mile Island Alert. GAMBLE, D.H. Defense. Dept. of. 84/11/01. 23pp. 27316:349. 24X Fiche: 50-289, 84/11/01, 8411060348.

8411060368 Forwards testimony of NC Moseley on 841101 Dieckamp mailgram issue. Related correspondence. GOLDBERG, J.R. Hearing Branch 4. #484 925. 84/11/01. SMITH, I.W., LINENBERGER, G., WOLFE, S.J. Atomic Safety and Licensing Board Panel. 1p. 27320:311. 24X Fiche: 50-289, 84/11/01, 8411060368.

--8411060371 Testimony of NC Moseley on Dieckamp mailgram issue. Related correspondence. MOSELEY, N.C. Institute of Nuclear Power Operations. 84/11/01. 4pp. 27320:312. 24X Fiche: 50-289, 84/11/01, 8411060368.

8411060443 Forwards prefired testimony of RL Long, P Coe, F Kelly, J Christensen, E Gardner, R Uhrig, SL Newton, BP Leonard, MJ Ross & W Kimel. Certificate of Svc encl. Related correspondence. BAUSER, D.B. Shaw, Pittman, Potts & Trowbridge. BAUSER, D.B. General Public Utilities - GPU Service Corp. #484 943. 84/11/01. SMITH, I.W., WOLFE, S.J., LINENBERGER, G. Atomic Safety and Licensing Board Panel. 5pp. 27317:172. 24X Fiche: 50-289, 84/11/01, 8411060443.

--8411060448 Testimony of R Long, R Coe, J Christensen, E Gardner, F Kelly, W Kimel, R Uhrig, S Newton, B Leonard & M Ross re licensed operator training. Related correspondence. LONG, R.L., COE, R.P., CHRISTENSEN, J. General Public Utilities - GPU Service Corp. 84/11/01. 317pp. 27317:177. 24X Fiche: 50-289, 84/11/01, 8411060443.

8411060478 Forwards testimonies of RL Long, RP Coe, reconstituted operator accelerated retraining program committee, SL Newton, BP Leonard & MJ Ross re licensed operator training. Certificate of Svc & svc list encl. Related correspondence. BAUSER, D.B. Shaw, Pittman, Potts & Trowbridge. BAUSER, D.B. General Public Utilities - GPU Service Corp. #484 936. 84/11/01. WOLFE, S.J., LINENBERGER, G., SMITH, I.W. Atomic Safety and Licensing Board Panel. 4pp. 27312:326. 24X Fiche: 50-289, 84/11/01, 8411060478.

--8411060493 Testimony of RL Long & RP Coe re licensed operator training at facility. Prof qualifications encl. Related correspondence. LONG, R.L., COE, R.P. General Public Utilities - GPU Service Corp. 84/11/01. 61pp. 27312:331. 24X Fiche: 50-289, 84/11/01, 8411060478.

DOCKETED ITEMS

99

--8411060504 Testimony of reconstituted operator accelerated retraining program committee; consisting of J Christensen, E Gardner, F Kelly, W Kimel & R Uhrig re operator training program. Prof qualifications encl. Related correspondence. CHRISTENSEN, J., GARDNER, E., KELLY, F. General Public Utilities - GPU Service Corp. 84/11/01. 174pp. 27313:031. 24X Fiche: 50-289, 84/11/01, 8411060478.

--8411060521 Testimony of SL Newton, BP Leonard & MJ Ross re licensed operator training at facility. Prof qualifications encl. Related correspondence. NEWTON, S. L., LEONARD, B. P., ROSS, M. J. General Public Utilities - GPU Service Corp. 84/11/01. 83pp. 27313:205. 24X Fiche: 50-289, 84/11/01, 8411060478.

8411060497 Forwards prepared written testimony of HM Dieckamp, TL Van Witbeck, WW Lowe & EL Zebroski re Dieckamp mailgram issue. Parties to present document stipulation & applicant schedule for testimony discussed. Related correspondence. BLAKE, E. L. Shaw, Pittman, Potts & Trowbridge. BLAKE General Public Utilities - GPU Service Corp. #484 942. 84/10/01. SMITH, I. W., WOLFE, S. J., LINENBERGER, O. Atomic Safety and Licensing Board Panel. 2pp. 27315:173. 24X Fiche: 50-289, 84/11/01, 8411060497.

--8411060505 Testimony of HM Dieckamp in response to ASLAB views expressed in ALAB-722 re incomplete record of circumstances surrounding Dieckamp mailgram. Supporting documentation & Dieckamp mailgram encl. Related correspondence. DIECKAMP, H. M. General Public Utilities - GPU Service Corp. 84/10/01. 23pp. 27315:175. 24X Fiche: 50-289, 84/11/01, 8411060497.

--8411060511 Testimony of TL Van Witbeck re circumstances surrounding pressure spike discovered on 790331. Related correspondence. VAN WITBECK, T. General Public Utilities - GPU Service Corp. VAN WITBECK, T. Energy, Inc. 84/11/01. 4pp. 27315:195. 24X Fiche: 50-289, 84/11/01, 8411060497.

--8411060515 Testimony of WW Lowe re containment pressure spike referred to in H Dieckamp 790509 mailgram. Related correspondence. LOWE, W. W. General Public Utilities - GPU Service Corp. LOWE, W. W. Pickard, Lowe & Garrick, Inc. 84/11/01. 15pp. 27315:202. 24X Fiche: 50-289, 84/11/01, 8411060497.

--8411060519 Testimony of EL Zebroski re Industry Advisory Group observations following TMI accident concerning rapid learning curve & H Dieckamp involvement in group activities. Certificate of Svc encl. Related correspondence. ZEBROSKI, E. L. General Public Utilities - GPU Service Corp. ZEBROSKI, E. L. Electric Power Research Institute. 84/11/01. 15pp. 27315:208. 24X Fiche: 50-289, 84/11/01, 8411060497.

8411150091 Transcript of 841109 prehearing conference in Bethesda, MD. Pp 27, 826-27, 904. * Atomic Safety and Licensing Board Panel. 84/11/09. 91pp. 27500:197. 24X Fiche: 50-289, 84/11/09, 8411150091.

8411160233 Transcript of 841113 prehearing conference in Bethesda, MD re restart remand on mgt. Pp 27, 905-28, 103. * Atomic Safety and Licensing Board Panel. 84/11/13. 199pp. 27539:306. 24X Fiche: 50-289, 84/11/13, 8411160233.

8411190157 Transcript of 841114 hearing in Harrisburg, PA re Dieckamp mailgram issue. Pp 28, 104-28, 247. * Atomic Safety and Licensing Board Panel. 84/11/14. 164pp. 27555:060. 24X Fiche: 50-289, 84/11/14, 8411190157.

8411200103 Transcript of JJ Persensky, JJ Buzy & DS Morisseau testimony re remanded training issue from ALAB-772. Certificate of Svc encl. Related correspondence. PERSENSKY, J. J., BUZY, J. J., MORISSEAU, D. S. Licensee Qualifications Branch. #484 218. 84/11/15. 46pp. 27579:087. 24X Fiche: 50-289, 84/11/15, 8411200103.

8411200161 Notice of filing of testimony, exhibits intended to be introduced as evidence & list of individuals to be subpoenaed for testimony. Certificate of Svc & svc list encl. Related correspondence. WEISS, E. R., JORDAN, W. S. Union of Concerned Scientists. WEISS, E. R. Harmon, Weiss & Jordan. #484 210. 84/11/15. 1p. 27577:024. 24X Fiche: 50-289, 84/11/15, 8411200161.

--8411200167 Transcript of JJ Regan deposition re issues to be examined in evaluating training program for nuclear power plant. Related correspondence. REGAN, J. J. Union of Concerned Scientists. 84/11/15. 46pp. 27577:025. 24X Fiche: 50-289, 84/11/15, 8411200161.

8411210206 Transcript of 841115 hearing in Harrisburg, PA. Pp 28, 248 - 28, 435. Supporting documentation encl. * Atomic Safety and Licensing Board Panel. 84/11/15. 221pp. 27593:135. 24X Fiche: 50-289, 84/11/15, 8411210206.

8411280343 Transcript of 841115 affirmation/discussion & vote in Washington, DC on SECY-84-415 re mgt issues in TMI-1 restart proceeding. Pp 1-3. * Commissioners. 84/11/15. 7pp. 27675:313. 24X Fiche: 50-289, 84/11/15, 8411280343.

8411280181 Transcript of 841116 hearing in Harrisburg, PA. Pp 28, 436-28, 573. Supporting documentation encl. * Atomic Safety and Licensing Board Panel. 84/11/16. 151pp. 27656:272. 24X Fiche: 50-289, 84/11/16, 8411280181.

8411280253 Transcript of 841119 hearing in Harrisburg, PA re restart remand on mgt. Pp 28, 574-28, 811. * Atomic Safety and Licensing Board Panel. 84/11/19. 237pp. 27668:308. 24X Fiche: 50-289, 84/11/19, 8411280253.

8411280152 Transcript of 841120 hearing in Harrisburg, PA re restart remand on mgt. Pp 28, 812-29, 055. * Atomic Safety and Licensing Board Panel. 84/11/20. 247pp. 27656:024. 24X Fiche: 50-289, 84/11/20, 8411280152.

8411280192 Transcript of 841121 hearing in Harrisburg, PA. Pp 29, 056-29, 224. * Atomic Safety and Licensing Board Panel. 84/11/21. 171pp. 27965:053. 24X Fiche: 50-289, 84/11/21, 8411280192.

U. Congressional/Executive Correspondence

8411260003 Clarifies position on staff & Commission knowledge re Hartman allegation investigation. GILINSKY, V. Commissioners. 83/11/04. MARKEY, E. House of Rep., Interior & Insular Affairs. 2pp. 27651:126. 24X Fiche: 50-289, 83/11/04, 8411260003.

8411260007 Mandates clear & complete response to 830801 ltr re Hartman allegation investigation. All staff communications w/Commission must be in explicit & clear English. UDALL, M. K., MARKEY, E. J. House of Rep., Interior & Insular Affairs. 83/11/08. PALLADINO, N. Commissioners. 4pp. 27651:128. 24X Fiche: 50-289, 83/11/08, 8411260007.

8411260245 Advises of actions taken in response to 831017 ltr re substance of "Ornstein Draft" within context of Hartman allegation inquiry. Substance not included in special inquiry group rept due to time constraints. PALLADINO, N. J. Commissioners. 83/12/30. UDALL, M. K. House of Rep., Interior & Insular Affairs. 4pp. 27651:337. 24X Fiche: 50-289, 83/12/30, 8411260245.

8411260243 Responds to 831108 ltr re communications between staff & Commission about conclusions arising from investigation of Hartman allegations. List of applicable documents encl. PALLADINO, N. J. Commissioners. 84/02/06. UDALL, M. K. House of Rep., Interior & Insular Affairs. MARKEY, E. House of Rep. 10pp. 27651:353. 24X Fiche: 50-289, 84/02/06, 8411260243.

V. Operator Examinations

8411260260 Inquiry Rept G-1-83-015 re possible falsification of reactor operator training records. CONNOLLY, D. J., CHRISTOPHER, R. Office of Investigation. 83/06/26. 12pp. 27653:182. 24X Fiche: 50-289, 83/06/26, 8411260260.

8411260264 Forwards Inquiry Rept G-1-83-015 re possible falsification of reactor operator training records. Info based on GPU 830602 memo. MURLEY, T. E. Region 1, Office of Director. 83/08/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27653:194. 24X Fiche: 50-289, 83/08/05, 8411260264.

8411050304 Forwards safety evaluation supporting revs to 6211-ADM-2600.01 re licensed operator requalification program. One confirmatory item re retention period for requalification program records identified. STOLZ, J. F. Operating Reactors Branch 4. 84/10/19. HUKILL, H. D. General Public Utilities - GPU Service Corp. 5pp. 27310:334. 24X Fiche: 50-289, 84/10/19, 8411050304.

--8411050307 Safety evaluation supporting revs to 6211-ADM-2600.01 re licensed operator requalification program. One confirmatory item re retention period for requalification program records identified. * NRC - No Detailed Affiliation Given. 84/10/19. 2pp. 27310:339. 24X Fiche: 50-289, 84/10/19, 8411050304.

8411160243 Forwards Exam Rept 50-289/84-25 of exam administered during wk of 840806. STAROSTECKI, R. Division of Project & Resident Programs. 84/10/23. HUKILL, H. D. General Public Utilities - GPU Service Corp. 4pp. 27540:145. 24X Fiche: 50-289, 84/10/23, 8411160243.

DOCKETED ITEMS

--8411160251 Exam Rept 50-289/84-25 on 840827-30. Exam results: one senior reactor operator exam administered & evaluated as pass. Insp evaluated administration of requalification program as adequate to meet regulatory requirements.
DUDLEY, N. Region 1, Office of Director. 84/10/16. 36pp.
27540: 149. 24X Fiche: 50-289, 84/10/23, 8411160243.

8411120283 Forwards Insp Rept 50-289/84-19 on 840827-30. No violations noted. Addl operator training required in area of predicting nuclear instrumentation response from subcriticality to criticality.
STAROSTECKI, R. Division of Project & Resident Programs. 84/11/07.
HUKILL, H. D. General Public Utilities - GPU Service Corp. 4pp.
27426: 220. 24X Fiche: 50-289, 84/11/07, 8411120283.

--8411120307 IE Insp Rept 50-289/84-19 on 840827-30. No violations noted. Major areas inspected: lesson plans for classroom, basic principles simulator & B&W simulator training which provided addl instruction in knowledge area weaknesses.
DUDLEY, N., BAUNACK, W., KELLER, R. M. Region 1, Office of Director. 84/10/09. 5pp. 27426: 224. 24X Fiche: 50-289, 84/11/07, 8411120283.

DOCKET 50-293 PILGRIM NUCLEAR POWER STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411290176 Forwards Rev 1 to nonproprietary NEDO-30641A, "Conceptual Design for Pilgrim Nuclear Power Station Emergency & Plant Info Computer (EPIC) Safety Parameter Display Sys (SPDS)." BITTER, D. B. General Electric Co. 84/10/26. LEECH, P. H. Office of Nuclear Reactor Regulation, Director. 1p. 27677: 245. 24X Fiche: 50-293, 84/10/26, 8411290176.

--8411290184 Rev 1 to nonproprietary "Conceptual Design for Pilgrim Nuclear Power Station Emergency & Plant Info Computer (EPIC) Safety Parameter Display Sys (SPDS)." BENSON, J. E. General Electric Co. NEDO-30641A R01. 84/09/30. 52pp. 27677: 246. 24X Fiche: 50-293, 84/10/26, 8411290176.

8411010334 Forwards proposed changes to Tech Specs re Halon sys replacing CO2 sys in cable spreading room, per PH Leech & J Stang 841009 & 12 recommendations.
HARRINGTON, W. D. Boston Edison Co. 84/10/29. VASSALLO, D. B. Operating Reactors Branch 2. 1p. 27229: 146. 24X Fiche: 50-293, 84/10/29, 8411010334.

--8411010338 Proposed Tech Spec changes re Halon sys replacing CO2 sys in cable spreading room.
* Boston Edison Co. 84/10/29. 2pp. 27229: 147. 24X Fiche: 50-293, 84/10/29, 8411010334.

8411020191 Requests return of unexpended filing fee for Tech Spec proposals re CRD weekly surveillance testing, fire protection, Reload 6 & increased core flow, due to 840620 revised fee schedule.
HARRINGTON, W. D. Boston Edison Co. 84/10/30. DIOGS, R. M. License Fee Management Branch. 2pp. 27257: 192. 24X Fiche: 50-293, 84/10/30, 8411020191.

8411090329 Forwards util commitments to Reg Guide 1.97, Generic Ltr 82-33 re description of acceptable method to provide instrumentation to monitor plant variables & safety parameter display sys during & following accidents.
HARRINGTON, W. D. Boston Edison Co. 84/11/01. VASSALLO, D. B. Operating Reactors Branch 2. 2pp. 27399: 086. 24X Fiche: 50-293, 84/11/01, 8411090329.

--8411090331 "Reg Guide 1.97 Compliance Evaluation for Pilgrim Nuclear Power Station I." JEFFRIES, J. A. Boston Edison Co. 84/11/01. 100pp. 27399: 088. 24X Fiche: 50-293, 84/11/01, 8411090329.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region I.
MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Univ., University Park, PA. DALTROFF, S. Co. KENYON, B. D. Pennsylvania Power & Light Co. 24X Fiche: 50-000, 84/11/02, 8411210079.

inval.
RUT, D. J. NRC - No Detailed
24X Fiche: 50-293, 84/11/05.

ness review on
1.
2.
3.
24X

8411210341 Notification of 841126-30 meetings w/util in Plymouth, MA, to conduct preimplementation audit of detailed control room design review.
LEECH, P. H. Operating Reactors Branch 2. 84/11/15. VASSALLO, D. B. Operating Reactors Branch 2. 2pp. 27617: 152. 24X Fiche: 50-293, 84/11/15, 8411210341.

P. Operating license stage documents & correspondence

8411290284 Third partial response to FOIA request for documents re prior hearing for proposed OL amends for 11 reactors, allowing operation w/one recirculation loop out of svc. Forwards App A documents. App B documents in PDR.
FELTON, J. M. Division of Rules and Records. 84/04/19. BELL, N. Nuclear Information & Resource Service. 9pp. 27696: 288. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290295 Application to amend License DPR-35, changing Tech Specs to allow operation w/single recirculation loop.
FELDMANN, M. J. Boston Edison Co. 75/11/17. ZIEMANN, D. L. Division of Reactor Licensing (NRR-1975 only). 2pp. 27696: 299. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290297 Proposed Tech Specs allowing operation w/single recirculation loop.
* Boston Edison Co. 75/11/17. 9pp. 27696: 301. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290305 Forwards request for addl info required to complete review of ECCS reanalysis to be submitted per 741227 order for mod of license. Some info previously identified.
ZIEMANN, D. L. Division of Reactor Licensing (NRR-1975 only). 75/06/18. FELDMANN, M. J. Boston Edison Co. 23pp. 27696: 310. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290314 Forwards GE proprietary classification sys, thermal hydraulic analysis & power level profile, LOCA analysis per 10CFR50, App K, proposed Tech Specs revs & failure study on ECCS manually controlled electrically operated valves. W/o encls.
GALLIGAN, T. J. Boston Edison Co. 75/07/09. Division of Reactor Licensing (NRR-1975 only). 4pp. 27696: 335. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290316 "Pilgrim Nuclear Power Station Unit 1 License Amend for Single-Loop Operation."
* General Electric Co. NEDO-20999. 75/10/31. 35pp. 27696: 339. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290323 Forwards notice of proposed issuance of amend to License DPR-35, incorporating operating limits in Tech Specs based on acceptable evaluation model.
ZIEMANN, D. L. Division of Reactor Licensing (NRR-1975 only). 75/10/10. HOWARD, J. E. Boston Edison Co. 2pp. 27697: 012. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290331 Notice of proposed issuance of amend to License DPR-35.
ZIEMANN, D. L. Division of Reactor Licensing (NRR-1975 only). 75/10/10. 4pp. 27697: 014. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290336 Application to amend License DPR-35, changing Tech Specs to modify rod block monitor/rod block setpoint during single loop operation.
HOWARD, J. E. Boston Edison Co. 76/03/01. ZIEMANN, D. L. Operating Reactors Branch 2 (Pre 800428). 2pp. 27697: 018. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290342 Proposed Tech Specs changing rod block monitor/rod block setpoint during single loop operation.
* Boston Edison Co. 76/03/01. 3pp. 27697: 020. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290347 Summary of 760129 meeting w/util & GE re Reload 2 & single loop operation.
O'CONNOR, P. W. Operating Reactors Branch 2 (Pre 800428). 76/02/13. Operating Reactors Branch 2 (Pre 800428). 7pp. 27697: 023. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290356 Revised application to amend License DPR-35, changing Tech Specs re boron concentration in moderator water, in support of single loop operation.
ANDOGNINI, G. C. Boston Edison Co. 76/03/19. ZIEMANN, D. L. Operating Reactors Branch 2 (Pre 800428). 2pp. 27697: 030. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290366 Proposed Tech Specs re boron concentration in moderator water for standby liquid control sys.
* Boston Edison Co. 76/03/19. 26pp. 27697: 032. 24X Fiche: 50-000, 84/04/19, 8411290284.

DOCKETED ITEMS

101

--8411290380 Suppl to "Pilgrim Nuclear Power Station Unit 1 Amend for Single Loop Operation W/Bypass Holes Plugged."
* General Electric Co. NEDO-20999 501. 76/01/31. 10pp.
27697:058. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290388 Responds to 760329 request for addl info re single loop operation. Info provided by GE.
ANDOGNINI, G.C. Boston Edison Co. 76/04/12. ZIEMANN, D.L.
Operating Reactors Branch 2 (Pre 800428). 8pp. 27697:068. 24X
Fiche: 50-000, 84/04/19, 8411290284.

--8411290395 Responds to request for addl info re single loop operation. Info provided by GE.
ANDOGNINI, G.C. Boston Edison Co. 76/05/06. ZIEMANN, D.L.
Operating Reactors Branch 2 (Pre 800428). 2pp. 27697:076. 24X
Fiche: 50-000, 84/04/19, 8411290284.

--8411290400 Confirms 760521 oral request for addl info re single loop operation. Info requested by 760601.
ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/05/28.
LARSON, J.E. Boston Edison Co. 3pp. 27697:077. 24X
Fiche: 50-000, 84/04/19, 8411290284.

--8411290405 Responds to 760528 request for addl info re single loop operation. Info provided by GE.
ANDOGNINI, G.C. Boston Edison Co. 76/06/24. ZIEMANN, D.L.
Operating Reactors Branch 2 (Pre 800428). 12pp. 27697:080. 24X
Fiche: 50-000, 84/04/19, 8411290284.

--8411290416 Forwards notice of proposed issuance of amend to License DPR-35. Proposed amend revises Tech Specs to add operating limits for single loop operation. Safety evaluation will be submitted when completed.
ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/07/23.
LARSON, J.E. Boston Edison Co. 2pp. 27697:092. 24X
Fiche: 50-000, 84/04/19, 8411290284.

--8411290431 Notice of proposed issuance of amend to License DPR-35.
ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/07/23.
3pp. 27697:094. 24X Fiche: 50-000, 84/04/19, 8411290284.

8411010211 Forwards Amend 81 to License DPR-35 & safety evaluation. Amend deletes License Condition 3.D. requiring valves in equalizer piping between recirculation loops to be closed during reactor operation.
LEECH, P.H. Operating Reactors Branch 2. 84/10/09. HARRINGTON, W.D. Boston Edison Co. 2pp. 27264:353. 24X Fiche: 50-293, 84/10/09, 8411010211.

--8411010224 Amend 81 to License DPR-35, deleting License Condition 3.D. which requires valves in equalizer piping between recirculation loops to be closed during reactor operation.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/09. 3pp. 27264:355. 24X Fiche: 50-293, 84/10/09, 8411010211.

--8411010236 Safety evaluation supporting Amend 81 to License DPR-35.
* Office of Nuclear Reactor Regulation, Director. 84/10/09. 2pp. 27264:358. 24X Fiche: 50-293, 84/10/09, 8411010211.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:053. 24X
Fiche: 50-000, 84/10/26, 8410290050.

8411020191 Requests return of unexpended filing fee for Tech Spec proposals re CRD weekly surveillance testing, fire protection, Reload 6 & increased core flow, due to 840620 revised fee schedule.
HARRINGTON, W.D. Boston Edison Co. 84/10/30. DIQ9S, R.M. License Fee Management Branch. 2pp. 27257:192. 24X Fiche: 50-293, 84/10/30, 8411020191.

8411210441 Forwards Amend 83 to License DPR-35 & safety evaluation. Amend changes Tech Specs to incorporate limiting conditions for operation of & calibr requirements for instrumentation.
LEECH, P.H. Operating Reactors Branch 2. 84/11/07. HARRINGTON, W.D. Boston Edison Co. 2pp. 27626:024. 24X Fiche: 50-293, 84/11/07, 8411210441.

--8411210445 Amend 83 to License DPR-35, changing Tech Specs to incorporate limiting conditions for operation of & calibr requirements for instrumentation.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/07. 13pp. 27626:026. 24X Fiche: 50-293, 84/11/07, 8411210441.

--8411210452 Safety evaluation supporting Amend 83 to License DPR-35.
* Office of Nuclear Reactor Regulation, Director. 84/11/07. 3pp. 27626:039. 24X Fiche: 50-293, 84/11/07, 8411210441.

841160338 Submits info re jet pump instrument nozzle repair program status. Rev 1 to "Weld Overlay Design for Indications in Pilgrim Jet Pump Instrumentation Nozzle" encl.
HARRINGTON, W.D. Boston Edison Co. 84/11/08. VASSALLO, D.B. Operating Reactors Branch 2. 2pp. 27537:001. 24X
Fiche: 50-293, 84/11/08, 841160338.

--841160343 Rev 1 to "Weld Overlay Design for Indications in Pilgrim Jet Pump Instrumentation Nozzle."
BRANLUND, B.J., MEHTA, H.S., RANGANATH, S. General Electric Co. DRF 137-0010 R01. 84/10/31. 11pp. 27537:003. 24X
Fiche: 50-293, 84/11/08, 841160338.

841160283 Advises that fee forwarded under separate cover inclusive for previously submitted Tech Spec changes re GA program approval, shift staffing & lowering containment oxygen to less than 4%.
HARRINGTON, W.D. Boston Edison Co. 84/11/09. DIQ9S, R.M. License Fee Management Branch. 1p. 27542:208. 24X Fiche: 50-293, 84/11/09, 841160283.

841160330 Informs that fee for review & approval of alternate shutdown capability paid on 840926, per 840809 ltr.
HARRINGTON, W.D. Boston Edison Co. 84/11/09. MILLER, W.D. License Fee Management Branch. 1p. 27536:219. 24X Fiche: 50-293, 84/11/09, 841160330.

8411260250 Application for amend to License DPR-35, revising Tech Spec Sections 6.1 through 6.8 & Figures 6.2.1 & 6.2.2 re organizational responsibilities. Fee paid.
HARRINGTON, W.D. Boston Edison Co. 84/11/09. VASSALLO, D.B. Operating Reactors Branch 2. 2pp. 27613:265. 24X
Fiche: 50-293, 84/11/09, 8411260250.

--8411260253 Proposed Tech Specs revising Sections 6.1 through 6.8 & Figures 6.2.1 & 6.2.2 re organizational responsibilities.
* Boston Edison Co. 84/11/09. 17pp. 27613:267. 24X
Fiche: 50-293, 84/11/09, 8411260250.

841190489 Responds to NRC 840926 ltr re updated evaluation for NUREG-0737, Item II.E.4.2(7). Update substantially changed from Oct 1981 position. Change should be communicated in generic manner & be reviewed by CROR.
HARRINGTON, W.D. Boston Edison Co. 84/11/13. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27549:023. 24X
Fiche: 50-293, 84/11/13, 841190489.

8411280599 Advises that 840620 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety relief valves acceptable. Task resolved.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/14. HARRINGTON, W.D. Boston Edison Co. 2pp. 27682:033. 24X
Fiche: 50-293, 84/11/14, 8411280599.

8411270230 Informs that existing purge/vent related Tech Specs per TMI Item II.E.4.2 conform w/model Tech Specs supplied as Attachment 4 of 820730 ltr. Installation of different valves does not require Tech Spec amend.
HARRINGTON, W.D. Boston Edison Co. 84/11/20. VASSALLO, D.B. Operating Reactors Branch 2. 2pp. 27635:161. 24X
Fiche: 50-293, 84/11/20, 8411270230.

G. Inspection reports, IE Bulletins & correspondence

8411090392 Forwards Insp Rept 50-293/84-21 on 840730-0817. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/11. HARRINGTON, W.D. Boston Edison Co. 2pp. 27416:279. 24X
Fiche: 50-293, 84/10/11, 8411090392.

--8411090397 Insp Rept 50-293/84-21 on 840730-0817. No violations noted. Major areas inspected: NDE of replacement pipe on reactor recirculation sys.
KERCH, H.W., HARRIS, R.H., CAMPBELL, R.M. Region 1, Office of Director. 84/09/28. 10pp. 27416:281. 24X Fiche: 50-293, 84/10/11, 8411090392.

8411140249 Informs that no addl info will be submitted in response to IE Bulletin 83-02. Util 840911 ltr to Denton. "Response to IGSCC Insp Order Confirming Shutdown" addresses all applicable items.
HARRINGTON, W.D. Boston Edison Co. 84/10/15. MURLEY, T.E. Region 1, Office of Director. 2pp. 27469:117. 24X Fiche: 50-293, 84/10/15, 8411140249.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

DOCKETED ITEMS

8411020155 Responds to noncompliance identified in Insp Rept 50-293/84-23 on 840723-0827. Specific gravity readings now required after both discharging & recharging of batteries. HARRINGTON, W.D. Boston Edison Co. 84/10/26. MARTIN, T.T. Division of Engineering & Technical Programs. 3pp. 27259:246. 24X Fiche: 50-293, 84/10/26, 8411020155.

8411190371 Forwards Insp Rept 50-293/84-29 on 840926-27. No violations noted. MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/26. HARRINGTON, W.D. Boston Edison Co. 2pp. 27567:266. 24X Fiche: 50-293, 84/10/26, 8411190371.

--8411190375 Insp Rept 50-293/84-29 on 840926-27. No violations or deviations noted. Major areas inspected: implementation of planned corrective action for decontamination of CRD repair room. NIMITZ, R.L., PASCIAK, W.J. Region 1, Office of Director. 84/10/26. 7pp. 27567:268. 24X Fiche: 50-293, 84/10/26, 8411190371.

8411200152 Forwards Insp Rept 50-293/84-30 on 840910-21. No violations noted. MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/26. HARRINGTON, W.D. Boston Edison Co. 2pp. 27585:236. 24X Fiche: 50-293, 84/10/26, 8411200152.

--8411200160 Insp Rept 50-293/84-30 on 840910-21. No violations noted. Major areas inspected: inservice insp program & preservice insp activities concerning recirculation sys piping replacement. MCBREARTY, R.A., DURR, J.P. Region 1, Office of Director. 84/10/11. 6pp. 27585:238. 24X Fiche: 50-293, 84/10/26, 8411200152.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411090021 Forwards summary of NRC Region I mgt meeting w/licensee on 840918 in Kings of Prussia, PA re implementation of util performance improvement program, completion of outage tasks & implementation of operator training. WENZINGER, E. Region 1, Office of Director. 84/11/02. HARRINGTON, W.D. Boston Edison Co. 4pp. 27398:313. 24X Fiche: 50-293, 84/11/02, 8411090021.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411140212 Forwards Enforcement Conference Rept 50-293/84-25 on 841016. MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/07. HARRINGTON, W.D. Boston Edison Co. 2pp. 27464:182. 24X Fiche: 50-293, 84/11/07, 8411140212.

--8411140219 Enforcement Conference Rept 50-293/84-25 on 841016. Major areas discussed: 840818 unplanned extremity exposure of worker & corrective actions taken. NIMITZ, R.L., PASCIAK, W.J. Region 1, Office of Director. 84/10/31. 3pp. 27464:184. 24X Fiche: 50-293, 84/11/07, 8411140212.

8411140357 Ack receipt of 840706 ltr informing NRC of steps taken to correct violation & deviation noted in Insp Rept 50-293/84-13. Violation re liquid & solid radwaste sys changed to open item. MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/07. HARRINGTON, W.D. Boston Edison Co. 3pp. 27470:047. 24X Fiche: 50-293, 84/11/07, 8411140357.

--8411140359 Responds to NRC 840608 ltr re violation & deviation noted in Insp Rept 50-293/84-13. Corrective actions: review conducted of contractor radwaste shipment preparation procedures to determine if rev to util procedures necessary. HARRINGTON, W.D. Boston Edison Co. 84/07/06. MARTIN, T.T. Division of Engineering & Technical Programs. 8pp. 27470:050. 24X Fiche: 50-293, 84/11/07, 8411140357.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411160174 Forwards "Pilgrim Nuclear Power Station Recirculation Nozzle Repair Program & Hydrogen Water Chemistry Matls Qualification." Five areas re 830826 IGS CC insp order clarified. Requests order be rescinded by 841127. HARRINGTON, W.D. Boston Edison Co. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27542:253. 24X Fiche: 50-293, 84/11/09, 8411160174.

--8411160182 "Pilgrim Nuclear Power Station Recirculation Nozzle Repair Program & Hydrogen Water Chemistry Matls Qualification." KISS, E., GRIDLEY, R.L. General Electric Co. NEDO-30730. 84/09/30. 246pp. 27542:256. 24X Fiche: 50-293, 84/11/09, 8411160174.

8411290518 Forwards Insp Rept 50-293/84-36 on 841101.02 & 07. Enforcement conference scheduled for 841120 to discuss concerns re lack of attention to neutron monitoring during core alterations & shift turnover activities. STAROSTECKI, R. Division of Project & Resident Programs. 84/11/09. HARRINGTON, W.D. Boston Edison Co. 2pp. 27721:357. 24X Fiche: 50-293, 84/11/09, 8411290518.

--8411290523 Insp Rept 50-293/84-36 on 841101.02 & 07. Violation noted: failure to maintain source-range monitor in Quadrant B operable while moving fuel & control rods & failure to follow Procedure 4.3 re continuous monitoring. JOHNSON, J., MCBRIDE, M., TRIPP, L. Region 1, Office of Director. 84/11/09. 5pp. 27721:359. 24X Fiche: 50-293, 84/11/09, 8411290518.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411260020 Responds to NRC 841001 request for addl info re inservice insp program. Revised Relief Request PRR-9 to include all nozzle areas that require relief will be submitted after startup from Refueling Outage 6 & prior to 850331. HARRINGTON, W.D. Boston Edison Co. 84/11/16. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27614:092. 24X Fiche: 50-293, 84/11/16, 8411260020.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411270330 Forwards Insp Rept 50-293/84-26 on 840828-1008 & notice of violation. Corrective actions for violations noted in Insp Rept 50-293/84-23 re station battery load discharge tests will be examined during future insp. WENZINGER, E.C. Division of Project & Resident Programs. 84/11/21. HARRINGTON, W.D. Boston Edison Co. 2pp. 27630:103. 24X Fiche: 50-293, 84/11/21, 8411270330.

--8411270331 Notice of violation from insp on 840828-1008. * Region 1, Office of Director. 84/11/21. 1p. 27630:105. 24X Fiche: 50-293, 84/11/21, 8411270330.

--8411270335 Insp Rept 50-293/84-26 on 840828-1008. Violation noted: failure to properly review & approve QA program-related procedures. JOHNSON, J., MCBRIDE, M., TRIPP, L. Region 1, Office of Director. 84/11/20. 14pp. 27630:106. 24X Fiche: 50-293, 84/11/21, 8411270330.

R. Periodic operating reports & related correspondence

8411280411 Monthly operating rept for Oct 1984. W/841114 ltr. HAMILTON, P., HARRINGTON, W.D. Boston Edison Co. 84/10/31. 7pp. 27684:053. 24X Fiche: 50-293, 84/10/31, 8411280411.

S. Reportable occurrences, LERs & related correspondence

8411290219 FOIA request for documents re electrical relay failures including Class 1E relay failures at listed plants & utilization of GE Type MFA 51 Series ac relays or other relays using Lexan as coil spool matl. BELL, N. Nuclear Information & Resource Service. 84/04/25. Office of Administration. 2pp. 27698:352. 24X Fiche: 50-000, 84/04/25, 8411290219.

DOCKETED ITEMS

103

8411290240 Partial response to FOIA request for documents re electrical relay failures, including 1983 Class 1E relay failures at listed plants. Documents listed on encl printouts available in PDR
FELTON, J.M. Division of Rules and Records. 84/05/17. BELL, N. Nuclear Information & Resource Service. 2pp. 27698:354. 24X Fiche: 50-000, 84/05/17, 8411290240.

8411090154 LER 84-004-01: on 840328, Wyle Lab notified until that both main steam safety valves exhibited set pressure more than 1% below nameplate set pressure. Caused by inadequate procedure for set pressure calibr. W/841010 ltr.
SCHIFFONE, R.M., HARRINGTON, W.D. Boston Edison Co. 84/10/10. 3pp. 27416:360. 24X Fiche: 50-293, 84/10/10, 8411090154.

8411060251 LER 84-014-00: on 840928, while shut down for refueling, reactor scram signal generated through reactor protection sys. Caused by procedural inadequacy. New procedure drafted to provide guidance for cross-tying buses. W/841026 ltr.
SCHIFFONE, R.M., HARRINGTON, W.D. Boston Edison Co. 84/10/26. 3pp. 27351:263. 24X Fiche: 50-293, 84/10/26, 8411060251.

8411090159 LER 84-015-00: on 840929, during refuel outage, unplanned actuation of containment spray sys occurred. Caused when electrician stroked upper drywell outboard isolation valve. Personnel counseled. W/841029 ltr.
SCHIFFONE, R.M., HARRINGTON, W.D. Boston Edison Co. 84/10/29. 3pp. 27416:352. 24X Fiche: 50-293, 84/10/29, 8411090159.

8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl.
WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, 84/11/12, 8411260340.

8411290133 Notification of Significant Licensee Meeting 84-112 on 841120 w/util in King of Prussia, PA to discuss licensed operator attention to source range monitors during core alterations between 841101 & 07.
JOHNSON, J.R. Region 1, Office of Director. 84/11/14. Region 1, Office of Director. 2pp. 27701:051. 24X Fiche: 50-293, 84/11/14, 8411290133.

V. Operator Examinations

8411090021 Forwards summary of NRC Region I mgt meeting w/licenses on 840918 in King of Prussia, PA re implementation of util performance improvement program, completion of outage tasks & implementation of operator training.
WENZINGER, E. Region 1, Office of Director. 84/11/02. HARRINGTON, W.D. Boston Edison Co. 4pp. 27398:313. 24X Fiche: 50-293, 84/11/02, 8411090021.

DOCKET 50-295 ZION NUCLEAR POWER STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411050228 Rev 1 to Procedure EPIP-340-1, "Estimate of Total RCS Mass." PLIML, G. Commonwealth Edison Co. 84/10/15. 26pp. 27303:147. 24X Fiche: 50-295, 84/10/15, 8411050228.

8411020136 Notifies of spent fuel shipment from BMI to facility. Schedule withheld (ref 10CFR73.37).
DANESE, F.L. Nuclear Assurance Corp. 84/10/16. Region 3, Office of Director. 1p. 27262:281. 24X Fiche: 50-295, 84/10/16, 8411020136.

8411060215 Rev 16 to EPIP 320-1, "Activation of Generating Station Emergency Plan Station Group" & Index.
* Commonwealth Edison Co. 84/10/29. 7pp. 27324:038. 24X Fiche: 50-295, 84/10/29, 8411060215.

8411160334 Revised environ emergency plan implementing procedures including EO-1 re coordination of environ group activities & EO-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR.
THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022. 24X Fiche: 50-000, 84/10/31, 8411160334.

P. Operating license stage documents & correspondence

8411060462 Application for amends to Licenses DPR-39 & DPR-48, changing Tech Specs to address NUREG-0737, Item II.B.1 (Generic Ltr 83-37) concerns re RCS operational components & vents. Fee paid.
CASCARANO, R.N. Commonwealth Edison Co. 84/10/29. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27312:320. 24X Fiche: 50-295, 84/10/29, 8411060462.

--8411060468 Proposed Tech Spec changes addressing NUREG-0737 Item II.B.1 (Generic Ltr 83-37) concerns re RCS operational components & vents.
* Commonwealth Edison Co. 84/10/29. App. 27312:322. 24X Fiche: 50-295, 84/10/29, 8411060462.

8411140333 Forwards fee for 840919 ASME Code Case N-401 approval application.
CASCARANO, R.N. Commonwealth Edison Co. 84/10/29. DIGGS, R.M. License Fee Management Branch. 2pp. 27469:020. 24X Fiche: 50-295, 84/10/29, 8411140333.

8411200100 Informs that ASME Code Case N-401, "Eddy Current Exam Recording Data, Section XI, Div 1," acceptable & approved by Commission for use in data recording & storage of eddy current exams of steam generator tubes, per 840919 request.
VARGA, S.A. Operating Reactors Branch 1. 84/11/05. FARRAR, D.L. Commonwealth Edison Co. 2pp. 27598:031. 24X Fiche: 50-295, 84/11/05, 8411200100.

8411280379 Forwards errata to Amends 79 & 69 to Licenses DPR-39 & DPR-48, respectively. Revised Tech Spec Page 199 contained errors & should be replaced by encl revised page.
NORRIS, J.A. Operating Reactors Branch 1. 84/11/06. FARRAR, D.L. Commonwealth Edison Co. 2pp. 27683:271. 24X Fiche: 50-295, 84/11/06, 8411280379.

--8411280383 Errata to Amends 79 & 69 to Licenses DPR-39 & DPR-48, respectively, covering limiting conditions for operation & surveillance requirements re penetration pressurization air compressors.
* Operating Reactors Branch 1. 84/11/06. 1p. 27683:273. 24X Fiche: 50-295, 84/11/06, 8411280379.

G. Inspection reports, IE Bulletins & correspondence

8411010056 Forwards Insp Repts 50-295/84-13 & 50-304/84-13 on 840728-0831 & notice of violation.
SHAFER, W.D. Region 3, Office of Director. 84/09/19. REED, C. Commonwealth Edison Co. 2pp. 27250:202. 24X Fiche: 50-295, 84/09/19, 8411010056.

--8411010060 Notice of violation from insp on 840728-0831.
SHAFER, W.D. Region 3, Office of Director. 84/09/19. 2pp. 27250:204. 24X Fiche: 50-295, 84/09/19, 8411010056.

--8411010064 Insp Repts 50-295/84-13 & 50-304/84-13 on 840728-0831. Noncompliance noted: failure to make required LER & failure to comply w/approved written procedures.
WRIGHT, G.C. Region 3, Office of Director. 84/09/18. 7pp. 27250:206. 24X Fiche: 50-295, 84/09/19, 8411010056.

8411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907.
NORELIUS, C.E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

--8411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, ... on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites.
SUEHRMANN, J.F. Region 3, Office of Director. 84/10/12. 5pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

8411130436 Forwards Insp Repts 50-295/84-17 & 50-304/84-18 on 840901-28. No noncompliance noted.
SHAFER, W.D. Region 3, Office of Director. 84/10/17. REED, C. Commonwealth Edison Co. 2pp. 27463:246. 24X Fiche: 50-295, 84/10/17, 8411130436.

--8411130437 Insp Repts 50-295/84-17 & 50-304/84-18 on 840901-28. No noncompliance noted. Major areas inspected: licensee actions on previous insp findings, Unit 1 shutdown due to steam generator tube leakage, operational safety & ESF walkdown.
WRIGHT, G. Region 3, Office of Director. 84/10/17. 6pp. 27463:248. 24X Fiche: 50-295, 84/10/17, 8411130436.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
ORACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411090074 Notification of 841115 & 16 meetings w/util in Bethesda, MD to discuss second 10-yr program for inservice insp.
NORRIS, J.A. Operating Reactors Branch 1. 84/10/30. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27424:268. 24X Fiche: 50-295, 84/10/30, 8411090074.

DOCKETED ITEMS

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 11pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411060123 Ack receipt of 841019 ltr informing NRC of steps taken to correct noncompliance noted in Insp Repts 50-295/84-13 & 50-304/84-13.
* Region 3, Office of Director. 84/11/02. Commonwealth Edison Co. 1p. 27322:302. 24X Fiche: 50-295, 84/11/02, 8411060123.

--8411060132 Responds to NRC 840919 ltr re noncompliance noted in Insp Repts 50-295/84-13 & 50-304/84-13. Corrective actions:
LER 84-021-00 submitted & classification of events being reviewed to ensure compliance w/10CFR50.73.
FARRAR, D.L. Commonwealth Edison Co. 84/10/19. KEPLER, J.G. Region 3, Office of Director. 3pp. 27322:303. 24X Fiche: 50-295, 84/11/02, 8411060132.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 11pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/05, 8411060254.

8411270398 Forwards Rev 1 to inservice insp program for first 10-yr interval. Rev result of questions raised on similar areas of second 10-yr interval inservice insp program & directly related to 830627 relief request.
CASCARANO, R.N. Commonwealth Edison Co. 84/11/13. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 12pp. 27628:238. 24X Fiche: 50-295, 84/11/13, 8411270398.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BHRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411270281 Forwards Rev 2 to inservice insp program for first 10-yr interval, requesting relief from IWA-2400 insp intervals. Request submitted in accordance w/provisions of Tech Spec 4.3.4.C.2.3 & 10CFR50.55(g)(5)(III).
CASCARANO, R.N. Commonwealth Edison Co. 84/11/20. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27639:323. 24X Fiche: 50-295, 84/11/20, 8411270281.

R. Periodic operating reports & related correspondence

8411200023 Monthly operating repts for Oct 1984, W/841105 ltr.
AUSTIN, G., GRAESSER, K.L. Commonwealth Edison Co. 84/10/31. 12pp. 27585:182. 24X Fiche: 50-295, 84/10/31, 8411200023.

S. Reportable occurrences, LERs & related correspondence

8411120449 LER 84-025-00: on 831223, portions of surveillance penetration fire barriers not accomplished within required 18-month interval. Caused by fire marshall holding dual positions. Permanent position established. W/841031 ltr.
BOYCE, T., GRAESSER, K.L. Commonwealth Edison Co. 84/10/31. 3pp. 27544:075. 24X Fiche: 50-295, 84/10/31, 8411120449.

dropped below suction line
up giving false
1101 ltr.
n Co. 84/11/01. 3pp.
130498.

8411130394 LER 84-034-00: on 841004, during sys heatup, loop & pressurizer boron samples not taken within surveillance time limits. Caused by personnel error. Personnel counseled. W/841102 ltr.
GLUSIC, J.J., GRAESSER, K.L. Commonwealth Edison Co. 84/11/02. 3pp. 27459:188. 24X Fiche: 50-295, 84/11/02, 8411130394.

8411190244 Forwards LER 84-033-00 replacing 841102 LER 84-034-00 re containment air lock testing. Rept adds sequential number to Page 1 of 2 omitted on original transmittal.
GRAESSER, K.L. Commonwealth Edison Co. 84/11/05. Record Services Branch (Document Control Desk). 1p. 27567:291. 24X Fiche: 50-295, 84/11/05, 8411190244.

--8411190248 LER 84-033-00: on 841004, Type B leak rate testing of personnel & emergency escape air locks not conducted per test schedule. Caused by changes in 10CFR50, App J not reflected in station procedures.
PRINTZ, T. Commonwealth Edison Co. 84/11/02. 2pp. 27567:292. 24X Fiche: 50-295, 84/11/05, 8411190244.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

DOCKET 50-296 BROWNS FERRY NUCLEAR POWER STATION, UNIT 3

F. Security, medical, emergency & fire protection plans

8411010306 Discusses completed review of Revs 5-14 to radiological emergency plan. Changes to emergency plan implementing procedures should be made per requirements of 10CFR50, App E, Section V.
VERRELL, D.M. Region 2, Office of Director. 84/09/27. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27249:319. 24X Fiche: 50-259, 84/09/27, 8411010306.

8411140422 Forwards Enforcement Conference Repts 50-259/84-39, 50-260/84-39 & 50-296/84-39 on 840926. Security violation discussed in Insp Repts 50-259/84-30, 50-260/84-30 & 50-296/84-30.
O'REILLY, J.P. Region 2, Office of Director. 84/10/05. PARRIS, H.G. Tennessee Valley Authority. 3pp. 27494:356. 24X Fiche: 50-259, 84/10/05, 8411140422.

8411140530 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27495:212. 24X Fiche: 50-000, 84/10/11, 8411140530.

8411080439 Forwards request for addl info re util 840730 ltr providing ODC for safety parameter display sys. Info required within 30 days to meet requirements of NUREG-0737, Suppl 1.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/22. PARRIS, H.G. Tennessee Valley Authority. 5pp. 27405:148. 24X Fiche: 50-259, 84/10/22, 8411080439.

8411160003 Ack receipt of 841004 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27.
LEWIS, R.C. Region 2, Office of Director. 84/10/23. PARRIS, H.G. Tennessee Valley Authority. 1p. 27544:067. 24X Fiche: 50-259, 84/10/23, 8411160003.

--8411160013 Responds to NRC 840831 ltr re violations noted in Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27. Corrective actions: Mechanical Maint Instruction 122 revised to include strainer locations for sprinkler sys.
MILLS, L.M. Tennessee Valley Authority. 84/10/04. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27544:068. 24X Fiche: 50-259, 84/10/23, 8411160003.

--8411160019 Notice of violation from insp on 840807-10.
* Region 2, Office of Director. 84/08/31. 2pp. 27544:073. 24X Fiche: 50-259, 84/10/23, 8411160003.

--8411160022 Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27 on 840807-10. Violations noted: failure to include strainers for all fire protection sprinkler sys in Maint Procedure MHI 122 & failure to meet fire brigade requirements.
MILLER, W.H. Region 2, Office of Director. 84/08/28. 7pp. 27544:075. 24X Fiche: 50-259, 84/10/23, 8411160003.

DOCKETED ITEMS

105

8411080307 "Browns Ferry Nuclear Plant Radiological Emergency Preparedness Exercise."
* Tennessee Valley Authority. * Alabama, State of. 84/10/24.
180pp. 27391:075. 24X Fiche: 50-259,84/10/24,8411080307.

8411210388 Forwards Amends 115,109 & 83 to Licenses DPR-33,DPR-52 & DPR-68, respectively, safety evaluation & notice of denial of amends in part. Amends revise conditions to reflect changes in physical security plan.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. PARRIS, H. G. Tennessee Valley Authority. 3pp. 27626:042. 24X Fiche: 50-259,84/10/29,8411210388.

--8411210396 Amends 115,109 & 83 to Licenses DPR-33,DPR-52 & DPR-68, respectively, revising conditions to reflect changes in physical security plans.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. 6pp. 27626:045. 24X Fiche: 50-259,84/10/29,8411210388.

--8411210408 Notice of denial of amends, in part, to Licenses DPR-33, DPR-52 & DPR-68 & opportunity for hearing re access to containment during refueling or major maint.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. 3pp. 27626:063. 24X Fiche: 50-259,84/10/29,8411210388.

8411050288 Revised Central Emergency Control Ctr Implementing Procedures IP-1 re transportation accident involving shipment of radwaste & IP-6 re alert, site area, emergency & general emergency. W/841030 ltr.
MILLS, L. M. Tennessee Valley Authority. 84/10/30. O'REILLY, J. P. Region 2, Office of Director. 16pp. 27301:323. 24X Fiche: 50-000,84/10/30,8411050288.

8411050352 Revised emergency plan implementing procedures, including IP-26 re tornado emergency procedure, IP-2 re notification of unusual event & IP-3 re alert. W/841030 ltr.
MILLS, L. M. Tennessee Valley Authority. 84/10/30. O'REILLY, J. P. Region 2, Office of Director. 88pp. 27298:271. 24X Fiche: 50-259,84/10/30,8411050352.

8411200275 Forwards Page B-4 of Vol 1 of 841031 ltr on App R to 10CFR50 re fire protection. Page inadvertently omitted from submittal.
DOMER, J. A. Tennessee Valley Authority. 84/11/15. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27571:317. 24X Fiche: 50-259,84/11/15,8411200275.

8411200009 Forwards Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified.
VERRELLI, D. M. Division of Project & Resident Programs. 84/11/16. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27578:051. 24X Fiche: 50-259,84/11/16,8411200009.

--8411200020 Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified. Major areas inspected: testing & maint, security sys & security plan. Details withheld (ref 10CFR2.790).
HALL, B. L. Region 2, Office of Director. 84/11/14. 1p. 27578:053. 24X Fiche: 50-259,84/11/16,8411200009.

8411200304 Advises that 840921 Rev 9 to generic security personnel training & qualification plan inconsistent w/provisions of 10CFR50.54(p) & unacceptable. Addl info delineated in encl requested. Encl withheld (ref 10CFR73.21).
OLSHINSKI, J. A. Region 2, Office of Director. 84/11/16. PARRIS, H. G. Tennessee Valley Authority. 3pp. 27576:241. 24X Fiche: 50-000,84/11/16,8411200304.

P. Operating license stage documents & correspondence

8411010054 Forwards summary of 840926 meeting w/util in Atlanta, GA re util, GA reorganization. Attendee list encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/09. PARRIS, H. G. Tennessee Valley Authority. 4pp. 27250:198. 24X Fiche: 50-000,84/10/09,8411010054.

8411010125 Forwards corrected Amends 103,97 & 71 to Licenses DPR-33, DPR-52 & DPR-68, respectively. Amends contained editorial errors. Replacement of erroneous pages w/corrected pages requested.
CLARK, R. J. Operating Reactors Branch 2. 84/10/10. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27261:001. 24X Fiche: 50-259,84/10/10,8411010125.

--8411010135 Corrected Amends 103,97 & 71 to Licenses DPR-33,DPR-52 & DPR-68 respectively, correcting editorial errors in original issuances.
* NRC - No Detailed Affiliation Given. 84/10/10. 5pp. 27261:003. 24X Fiche: 50-259,84/10/10,8411010125.

8411010291 Forwards corrected Amends 98,92 & 65 to Licenses DPR-33, DPR-52 & DPR-68, respectively.
CLARK, R. J. Operating Reactors Branch 2. 84/10/11. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27264:154. 24X Fiche: 50-259,84/10/11,8411010291.

--8411010300 Corrected Amends 98,92 & 65 to Licenses DPR-33,DPR-52 & DPR-68, respectively, correcting editorial errors.
* NRC - No Detailed Affiliation Given. 84/10/11. 15pp. 27264:156. 24X Fiche: 50-259,84/10/11,8411010291.

8411150279 Advises that GA program submitted on 830711 satisfies requirements of 10CFR50, App B & acceptable.
LEWIS, R. C. Region 2, Office of Director. 84/10/12. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27528:298. 24X Fiche: 50-000,84/10/12,8411150279.

8411060286 Forwards Amends 114,108 & 82 to Licenses DPR-33,DPR-52 & DPR-68, respectively, safety evaluation. Amends revise reactor water cleanup sys isolation instrumentation & RHR svc water pump operability requirements.
CLARK, R. J. Operating Reactors Branch 2. 84/10/16. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27329:251. 24X Fiche: 50-259,84/10/16,8411060286.

--8411060304 Amends 114,108 & 82 to Licenses DPR-33,DPR-52 & DPR-68, respectively, revising reactor water cleanup sys isolation instrumentation & RHR svc water pump operability requirements & drywell-to-torus leak rate testing bases.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/16. 62pp. 27329:253. 24X Fiche: 50-259,84/10/16,8411060286.

--8411060313 Safety evaluation supporting Amends 114,108 & 82 to Licenses DPR-33,DPR-52 & DPR-68, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/16. 6pp. 27329:315. 24X Fiche: 50-259,84/10/16,8411060286.

8411020409 Forwards request for exemption from functional test requirements of Tech Spec 4.6.H for torus restraint snubbers. Description, justification & safety evaluation for request encl. Approval requested by 850119.
MILLS, L. M. Tennessee Valley Authority. 84/10/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 5pp. 27272:187. 24X Fiche: 50-259,84/10/19,8411020409.

8411020310 Application for amend to Licenses DPR-33,DPR-52 & DPR-68, revising Tech Specs re auxiliary electrical sys to reflect changes in 161 kV offsite power sys capability. Fee paid.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27252:214. 24X Fiche: 50-259,84/10/22,8411020310.

--8411020320 Proposed Tech Specs re auxiliary electrical sys reflecting changes in 161 kV offsite power sys capability.
* Tennessee Valley Authority. 84/10/22. 58pp. 27252:216. 24X Fiche: 50-259,84/10/22,8411020310.

841160162 Forwards Rev 8 to "GA Program Description for Design, Const & Operation of TVA Nuclear Power Plants," reflecting organizational changes in program.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27537:331. 24X Fiche: 50-000,84/10/22,841160162.

--841160177 Rev 8 to "GA Program Description for Design, Const & Operation of TVA Nuclear Power Plants."
* Tennessee Valley Authority. TVA-TR75-1A R08. 84/10/22. 239pp. 27537:333. 24X Fiche: 50-000,84/10/22,841160162.

8411080523 Forwards SER re 840920 request for exemptions from 10CFR50, App J requirements. Exemption requests acceptable w/exception of item re reactor bldg closed cooling water Valves 70-47 & 70-506.
EISENHUT, D. G. Division of Licensing. 84/10/24. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27408:198. 24X Fiche: 50-259,84/10/24,8411080523.

--8411080526 Safety evaluation re 840920 request for exemptions from 10CFR50 App J requirements. Exemption requests acceptable w/exception of item re reactor bldg closed cooling water Valves 70-47 & 70-506.
* Office of Nuclear Reactor Regulation, Director. 84/10/24. 3pp. 27408:200. 24X Fiche: 50-259,84/10/24,8411080523.

--811280441 "Containment Leakage Rate Testing," technical evaluation rept.
DELGAIZO, T. J. Franklin Institute/Franklin Research Center. NRC-03-79-118. TER-C5257-5/6/176. 81/12/23. HUANG, Y. S. NRC - No Detailed Affiliation Given. 23pp. 27408:203. 24X Fiche: 50-259,84/10/24,8411080523.

DOCKETED ITEMS

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X
Fiche: 50-000, 84/10/26, 8410290050.

8411150240 Forwards summary of 841016 meeting w/util re functions of nuclear safety review staff. Attendance list & "Summary Description of Activities of TVA Nuclear Safety Review Staff" encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/26. PARRIS, H. G. Tennessee Valley Authority. 20pp. 27529:259. 24X
Fiche: 50-000, 84/10/26, 8411150240.

8411210388 Forwards Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively, safety evaluation & notice of denial of amends in part. Amends revise conditions to reflect changes in physical security plan.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. PARRIS, H. G. Tennessee Valley Authority. 3pp. 27626:042. 24X
Fiche: 50-259, 84/10/29, 8411210388.

--8411210396 Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively, revising conditions to reflect changes in physical security plans.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. 6pp. 27626:045. 24X
Fiche: 50-259, 84/10/29, 8411210388.

--8411210403 Safety evaluation supporting Amends 115, 109 & 83 to Licenses DPR-33, DPR-52 & DPR-68, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/29. 12pp. 27626:051. 24X
Fiche: 50-259, 84/10/29, 8411210388.

--8411210408 Notice of denial of amends, in part, to Licenses DPR-33, DPR-52 & DPR-68 & opportunity for hearing re access to containment during refueling on major maint.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/29. 3pp. 27626:063. 24X
Fiche: 50-259, 84/10/29, 8411210388.

8411140245 Forwards description of drywell/torus vacuum breaker mods, per 830523 commitment to submit plant-unique calculations & schedule in response to Generic Ltr 83-08.
DOMER, J. A. Tennessee Valley Authority. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 9pp. 27468:252. 24X
Fiche: 50-259, 84/11/05, 8411140245.

8411280601 Advises that 840709 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves, acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/13. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27682:031. 24X
Fiche: 50-259, 84/11/13, 8411280601.

G. Inspection reports, IE Bulletins & correspondence

8411010305 Confirms 840910 telcon re 840926 enforcement conference in Atlanta, GA concerning apparent violation of limiting condition of operations involving overpressurizing core spray sys. W/o encl.
O'REILLY, J. P. Region 2, Office of Director. 84/09/20. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27249:314. 24X
Fiche: 50-259, 84/09/20, 8411010305.

8411130532 Forwards Insp Repts 50-259/84-32, 50-260/84-22 & 50-296/84-32 on 840820-23. No violations or deviations noted.
VERRELLI, D. M. Division of Project & Resident Programs. 84/09/28. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27462:316. 24X
Fiche: 50-259, 84/09/28, 8411130532.

--8411130539 Insp Repts 50-259/84-32, 50-260/84-32 & 50-296/84-32 on 840820-23. No violations or deviations noted. Major areas inspected: followup on previous enforcement items & plant tour.
BURRIS, S., THOMAS, M., JAPE, F. Region 2, Office of Director. 84/09/25. 3pp. 27462:318. 24X
Fiche: 50-259, 84/09/28, 8411130532.

8411140422 Forwards Enforcement Conference Repts 50-259/84-39, 50-260/84-39 & 50-296/84-39 on 840926. Security violation discussed in Insp Repts 50-259/84-30, 50-260/84-30 & 50-296/84-30.
O'REILLY, J. P. Region 2, Office of Director. 84/10/05. PARRIS, H. G. Tennessee Valley Authority. 3pp. 27494:356. 24X
Fiche: 50-259, 84/10/05, 8411140422.

--8411140429 Enforcement Conference Repts 50-259/84-39, 50-260/84-39 & 50-296/84-39 on 840926. Major areas discussed: violations re overpressurization of Loop 1 of Unit 1 core spray sys.
BUTCHER, R. C., CANTRELL, F. S. Region 2, Office of Director. 84/10/01. 3pp. 27494:359. 24X
Fiche: 50-259, 84/10/05, 8411140422.

8411020106 Advises of completion of review of rept re IGSCC insp per 830826 order. Actions required by order satisfactorily completed & facility allowed to return to full-power operation. SER encl.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 84/10/12. PARRIS, H. G. Tennessee Valley Authority. 4pp. 27263:112. 24X
Fiche: 50-296, 84/10/12, 8411020106.

--8411020118 Safety evaluation supporting util corrective actions re IGSCC.
* Office of Nuclear Reactor Regulation, Director. 84/10/12. 4pp. 27263:116. 24X
Fiche: 50-296, 84/10/12, 8411020106.

8411130563 Ack receipt of 841005 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33.
VERRELLI, D. M. Division of Project & Resident Programs. 84/10/18. PARRIS, H. G. Tennessee Valley Authority. 1p. 27461:274. 24X
Fiche: 50-259, 84/10/18, 8411130563.

--8411130569 Responds to NRC 840910 ltr re violations noted in Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33. Corrective actions: all sys w/locked valves checked. Locked valve checks will be performed quarterly.
MILLS, L. M. Tennessee Valley Authority. 84/10/05. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27461:275. 24X
Fiche: 50-259, 84/10/18, 8411130563.

--8411130574 Forwards Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33 on 840728-0825 & notice of violation.
VERRELLI, D. M. Region 2, Office of Director. 84/09/10. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27461:278. 24X
Fiche: 50-259, 84/10/18, 8411130563.

--8411130586 Notice of violation from insp on 840728-0825.
* Region 2, Office of Director. 84/09/10. 1p. 27461:280. 24X
Fiche: 50-259, 84/10/18, 8411130563.

--8411130593 Insp Repts 50-259/84-33, 50-260/84-33 & 50-296/84-33 on 840728-0825. Violation noted: failure to maintain locked valves in RHR HX.
PAULK, G. L., PATTERSON, C. A., CANTRELL, F. S. Region 2, Office of Director. 84/09/07. 6pp. 27461:281. 24X
Fiche: 50-259, 84/10/18, 8411130563.

8411160003 Ack receipt of 841004 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27.
LEWIS, R. C. Region 2, Office of Director. 84/10/23. PARRIS, H. G. Tennessee Valley Authority. 1p. 27544:067. 24X
Fiche: 50-259, 84/10/23, 8411160003.

--8411160013 Responds to NRC 840831 ltr re violations noted in Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27. Corrective actions: Mechanical Maint Instruction 122 revised to include strainer locations for sprinkler sys.
MILLS, L. M. Tennessee Valley Authority. 84/10/04. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27544:068. 24X
Fiche: 50-259, 84/10/23, 8411160003.

--8411160017 Forwards Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27 on 840807-10 & notice of violation.
LEWIS, R. C. Region 2, Office of Director. 84/08/31. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27544:071. 24X
Fiche: 50-259, 84/10/23, 8411160003.

--8411160019 Notice of violation from insp on 840807-10.
* Region 2, Office of Director. 84/08/31. 2pp. 27544:073. 24X
Fiche: 50-259, 84/10/23, 8411160003.

--8411160022 Insp Repts 50-259/84-27, 50-260/84-27 & 50-296/84-27 on 840807-10. Violations noted: failure to include strainers for all fire protection sprinkler sys in Maint Procedure MMI 122 & failure to meet fire brigade requirements.
MILLER, W. H., CONLON, T. E. Region 2, Office of Director. 84/08/28. 7pp. 27544:075. 24X
Fiche: 50-259, 84/10/23, 8411160003.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X
Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X
Fiche: 50-000, 84/11/02, 8411010388.

DOCKETED ITEMS

107

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411200009 Forwards Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified.
VERRELLI, D.M. Division of Project & Resident Programs. 84/11/16. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27578:051. 24X Fiche: 50-259, 84/11/16, 8411200009.

--8411200020 Safeguards Insp Repts 50-259/84-43, 50-260/84-43 & 50-296/84-43 on 841015-19. No violation or deviation identified. Major areas inspected: testing & maint, security sys & security plan. Details withheld (ref 10CFR2.790).
HALL, B.L., MCGUIRE, D.R. Region 2, Office of Director. 84/11/14. 1p. 27578:053. 24X Fiche: 50-259, 84/11/16, 8411200009.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411060210 NPDES discharge monitoring rept for Sept 1984.
RIVERS, M.E. Tennessee Valley Authority. 84/09/30. 11pp. 27351:244. 24X Fiche: 50-259, 84/09/30, 8411060210.

8411150296 Monthly operating repts for Sept 1984. W/841011 ltr.
THOM, T., PITTMAN, J.R., JONES, G.T. Tennessee Valley Authority. 84/09/30. 29pp. 27529:036. 24X Fiche: 50-259, 84/09/30, 8411150296.

8411120072 Forwards revised NPDES discharge monitoring repts for Aug 1984. Revs required due to typo & transpositional errors.
RIVERS, M.E. Tennessee Valley Authority. 84/10/29. HORN, C. Alabama, State of. 1p. 27437:173. 24X Fiche: 50-259, 84/10/29, 8411120072.

--8411120077 Revised "NPDES Discharge Monitoring Rept for Aug 1984."
* Tennessee Valley Authority. 84/10/29. 2pp. 27437:176. 24X Fiche: 50-259, 84/10/29, 8411120072.

S. Reportable occurrences, LERs & related correspondence

8411050042 LER 84-011-00: on 841002, RHR testable check valves FCV-74-68 & 54 failed local leak rate test. Caused by misalignment of valve disc & seating surfaces due to hinge arm end play. Valves modified. W/841019 ltr.
WALKER, J.B., JONES, G.T. Tennessee Valley Authority. 84/10/19. 3pp. 27328:358. 24X Fiche: 50-296, 84/10/19, 8411050042.

8411150313 Confirms action to be taken by util prior to restart of Unit 3. Util will conduct review of operations which resulted in apparent failure to follow procedures during startup on 841022 & identify cause.
O'REILLY, J.P. Region 2, Office of Director. 84/10/25. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27529:077. 24X Fiche: 50-259, 84/10/25, 8411150313.

8411020048 Corrected notice of noncompliance for Aug 1984 re sewage treatment plant effluent. Description of discharge reported in 840928 notice incorrect. Chlorine contact tank pumped out periodically to reduce overloaded conditions.
RIVERS, M.E. Tennessee Valley Authority. 84/10/29. HORN, C. Alabama, State of. 2pp. 27257:259. 24X Fiche: 50-259, 84/10/29, 8411020048.

8411140575 LER 83-004/03L-1: on 830116, RHR HX 3D leaked reactor coolant into svc water discharging to Wheeler Reservoir. HX isolated. Investigation disclosed 12 dented tubes & 1 tube leaking.
W/841102 ltr.
WALKER, J.B., JONES, G.T. Tennessee Valley Authority. 84/11/02. 4pp. 27495:157. 24X Fiche: 50-296, 84/11/02, 8411140575.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411190594 LER 84-010-00: on 841010, during surveillance test on diesel generators, electrician accidentally bumped logic relay in testing relay panel & two diesel generators received start signals. Personnel counseled. W/841106 ltr.
SMITH, D., JONES, G.T. Tennessee Valley Authority. 84/11/06. 3pp. 27567:188. 24X Fiche: 50-296, 84/11/06, 8411190594.

X. Onsite Storage of Low Level Waste

8411280376 Notification of contract execution, Mod 5, to "Environ Assessment for Low Level Waste Storage at TVA Browns Ferry Nuclear Plant in Limestone County, GA." Contractor: Science Applications, Inc.
SILVUS, R.M. Division of Contracts. FIN B-7319-1. 84/11/15. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. 3pp. 27675:323. 24X Fiche: 50-259, 84/11/15, 8411280376.

--8411280386 Mod 5, incorporating 1982 overhead rates, to "Environ Assessment for Low Level Waste Storage at TVA Browns Ferry Nuclear Plant in Limestone County, GA." Contractor: Science Applications, Inc. FIN B-7319-1. 84/11/15. MARSHALL, W.R. Science Applications, Inc. 3pp. 27675:324. 24X Fiche: 50-259, 84/11/15, 8411280376.

DOCKET 50-297 NORTH CAROLINA STATE UNIV. PULSTAR REACTOR

P. Operating license stage documents & correspondence

8411150003 Forwards corrected 840726 request for Tech Spec changes w/ minor editorial corrections.
POULTON, B.R. North Carolina State Univ., Raleigh, NC. 84/10/15. THOMAS, C.D. Standardization & Special Projects Branch. 39pp. 27504:135. 24X Fiche: 50-297, 84/10/15, 8411150003.

DOCKET 50-298 COOPER NUCLEAR STATION

F. Security, medical, emergency & fire protection plans

8411050184 Revs 4 & 2 to Emergency Plan Implementing Procedures 5.7.5, "General Emergency Implementing Procedure" & 5.7.27.1, "Emergency Broadcast Sys Tone Activated Radio Malfunctions," respectively. W/841029 ltr.
WINDHAM, R., WHITMAN, D., PILANT, J.M. Nebraska Public Power District. 84/10/29. MARTIN, R.D. Region 4, Office of Director. 8pp. 27304:161. 24X Fiche: 50-298, 84/10/29, 8411050184.

8411090136 Rev 3 to Emergency Plan Implementing Procedure EPIP 5.7.14, "Stable Iodine Thyroid Blocking (KI)." W/841105 ltr.
PILANT, J.M. Nebraska Public Power District. 84/11/05. MARTIN, R.D. Region 4, Office of Director. 4pp. 27398:164. 24X Fiche: 50-298, 84/11/05, 8411090136.

8411160160 Revs to emergency plan implementing procedures, including EPIP-5.7.17, "Dose Assessment," & EPIP-5.7.22, "Communications." W/841113 ltr.
PILANT, J.M. Nebraska Public Power District. 84/11/13. MARTIN, R.D. Region 4, Office of Director. 45pp. 27543:142. 24X Fiche: 50-298, 84/11/13, 8411160160.

8411210020 Informs that installation & testing of new meteorological sys completed per 830415 ltr. Sys complies w/Reg Guide 1.23 & Suppl 1 to NUREG-0737 w/exception of accuracy limits for differential temps greater than 5.28 C per 100 meters.
PILANT, J.M. Nebraska Public Power District. 84/11/15. EISENHUT, D.G. Division of Licensing. 1p. 27591:361. 24X Fiche: 50-298, 84/11/15, 8411210020.

8411290107 Rev 6 to Emergency Plan Implementing Procedure EPIP 5.7.16, "Release Rate Determination." W/841126 ltr.
THOMASON, P.V., PILANT, J.M. Nebraska Public Power District. 84/11/26. MARTIN, R.D. Region 4, Office of Director. 24pp. 27679:261. 24X Fiche: 50-298, 84/11/26, 8411290107.

DOCKETED ITEMS

P. Operating license stage documents & correspondence

8411290284 Third partial response to FOIA request for documents re prior hearing for proposed OL amends for 11 reactors, allowing operation w/one recirculation loop out of svc. Forwards App A documents, App B documents in PDR. FELTON, J.M. Division of Rules and Records. 84/04/19. BELL, N. Nuclear Information & Resource Service. 9pp. 27696:288. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290445 Initial NSHC determination & noticing action re util 800805 application & 820506 & 0805 mods to application to amend License DPR-46 to provide APRM flux scram trip & rod block settings & increase safety limit min critical power ratio. SIEGEL, B.L., VASSALLO, D.B., LAINAS, O.C. NRC - No Detailed Affiliation Given. 83/09/01. 4pp. 27697:185. 24X Fiche: 50-000, 84/04/19, 8411290284.

8411080542 Requests arrangements be made for 2-day site visit during wk of 841203 to obtain info re resolution of Unresolved Safety Issue A-45, "Shutdown DHR Requirements." List of attendees & info request encl. VASSALLO, D.B. Operating Reactors Branch 2. 84/10/22. PILANT, J.M. Nebraska Public Power District. 16pp. 27408:049. 24X Fiche: 50-298, 84/10/22, 8411080542.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl. EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, 8410290050.

8411060298 Forwards revised page 137A to proposed Rev 14 to Tech Specs re primary containment surveillance instrumentation. PILANT, J.M. Nebraska Public Power District. 84/10/29. VASSALLO, D.B. Operating Reactors Branch 2. 2pp. 27323:315. 24X Fiche: 50-298, 84/10/29, 8411060298.

8411150326 Requests remittance of addl fee for 830427 application to amend License DPR-46, changing Tech Specs to incorporate certain NUREG-0737 items. DIOGS, R.M. License Fee Management Branch. 84/11/06. PILANT, J.M. Nebraska Public Power District. 1p. 27530:278. 24X Fiche: 50-298, 84/11/06, 8411150326.

8411210233 Requests confirmation that previously submitted justifications for continued operation for equipment not addressed in 840424 submittal satisfy criteria of 10CFR50.49. Info should be submitted within 45 days of ltr. VASSALLO, D.B. Operating Reactors Branch 2. 84/11/06. PILANT, J.M. Nebraska Public Power District. 2pp. 27617:330. 24X Fiche: 50-298, 84/11/06, 8411210233.

8411200236 Agrees to 841204-05 site visit to review Unresolved Safety Issue A-45, "Shutdown DHR Requirement," per 841022 request. PILANT, J.M. Nebraska Public Power District. 84/11/13. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27577:345. 24X Fiche: 50-298, 84/11/13, 8411200236.

8411290051 Advises that 840529 response to NUREG-0737, Item II, K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved. VASSALLO, D.B. Operating Reactors Branch 2. 84/11/13. PILANT, J.M. Nebraska Public Power District. 2pp. 27700:284. 24X Fiche: 50-298, 84/11/13, 8411290051.

8411280134 Forwards addl fee for 830427 application for amend to License DPR-46, changing Tech Specs, per 841106 request. PILANT, J.M. Nebraska Public Power District. 84/11/19. DIOGS, R.M. License Fee Management Branch. 2pp. 27666:004. 24X Fiche: 50-298, 84/11/19, 8411280134.

Q. Inspection reports, IE Bulletins & correspondence

8411260157 Ack receipt of 840524 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-298/84-06. Addl info re training of station personnel in requirements for entering high radiation areas required within 30 days. JOHNSON, E.H. Region 4, Office of Director. 84/06/27. PILANT, J.M. Nebraska Public Power District. 1p. 27645:167. 24X Fiche: 50-298, 84/06/27, 8411260157.

--8411260166 Responds to NRC 840504 ltr re violation noted in Insp Rept 50-298/84-06. Corrective actions: special work permit for radwaste drum capping area posted & employees instructed to comply w/permit. PILANT, J.M. Nebraska Public Power District. 84/05/24. JOHNSON, E.H. Region 4, Office of Director. 3pp. 27645:168. 24X Fiche: 50-298, 84/06/27, 8411260157.

8411050259 Responds to IE Bulletin 84-03, "Refueling Cavity Water Seal." Summary rept on each on seven areas of concern submitted. Gross seal failure considered remote possibility due to passive design of reactor well bellows seal. KUNCL, L.G. Nebraska Public Power District. 84/09/20. COLLINS, J.T. Region 4, Office of Director. 5pp. 27300:001. 24X Fiche: 50-298, 84/09/20, 8411050259.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411070090 Forwards Insp Rept 50-298/84-18 on 840901-30 & notice of violation. JOHNSON, E.H. Region 4, Office of Director. 84/11/01. PILANT, J.M. Nebraska Public Power District. 2pp. 27364:032. 24X Fiche: 50-298, 84/11/01, 8411070090.

--8411070094 Notice of violation from insp on 840901-30. * Region 4, Office of Director. 84/11/01. 1p. 27364:034. 24X Fiche: 50-298, 84/11/01, 8411070090.

--8411070099 Insp Rept 50-298/84-18 on 840901-30. Violation noted: Tech Spec Surveillance Procedure 6.3.9.4, Paragraph 2 re MSIV operability test not accomplished. DUBOIS, D.L., JAUDON, J.P. Region 4, Office of Director. 84/10/31. 11pp. 27364:035. 24X Fiche: 50-298, 84/11/01, 8411070090.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411190574 Notification of significant licensee meeting on 841116 for enforcement conference w/util in Brownsville, NE re surveillance of batteries & standby gas treatment. Agenda encl. * Region 4, Office of Director. 84/11/13. Region 4, Office of Director. 2pp. 27549:260. 24X Fiche: 50-298, 84/11/13, 8411190574.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411140150 "Semiannual Operating Rept. Radioactive Effluents, Jan-June 1984." W/841001 ltr. PILANT, J.M. Nebraska Public Power District. 84/06/30. COLLINS, J.T. Region 4, Office of Director. 150pp. 27493:001. 24X Fiche: 50-298, 84/06/30, 8411140150.

8411130678 Monthly operating rept for Sept 1984, W/841010 ltr. SALISBURY, J.K., THOMASON, P.V. Nebraska Public Power District. 84/09/30. 5pp. 27461:187. 24X Fiche: 50-298, 84/09/30, 8411130678.

DOCKETED ITEMS

109

S. Reportable occurrences, LERs & related correspondence

8411190430 RD: on 840614, due to series of extremely heavy rains in areas upstream of plant, flood control actions initiated per Emergency Procedure 5.1.3. Deescalation from unusual event classification ordered on 840621.
THOMASON, P.V. Nebraska Public Power District. 84/06/22.
COLLINS, J.T. Region 4, Office of Director. 2pp. 27550:166. 24X
Fiche: 50-298, 84/06/22, 8411190430.

8411060133 Forwards AED/T414, "Station Operating Restrictions for Lost or Out-of-Svc Power Transformers Through Which Electrical Power Supplied to Emergency Buses," technical review rept. No further actions warranted.
ASHE, F. Reactor Operations Analysis Branch. 84/07/12. SEYFRIT, K.V. Reactor Operations Analysis Branch. 1p. 27383:237. 24X
Fiche: 50-298, 84/07/12, 8411060133.

--8411060148 "Station Operating Restrictions for Lost or Out-of-Svc Power Transformer Through Which Electrical Power Supplied to Emergency Buses," technical review rept. No further actions warranted.
ASHE, F. Director's Office. 84/07/12. 4pp. 27383:238. 24X
Fiche: 50-298, 84/07/12, 8411060133.

8411130220 LER 84-011-01: on 840828, HPCI overspeed trip control valve diaphragm failed. Caused by problem w/procurement of valve diaphragms for sub control valve application. Preventative maint instituted. W/841031 ltr.
MACE, E.M., THOMASON, P.V. Nebraska Public Power District. 84/10/31. 3pp. 27460:058. 24X Fiche: 50-298, 84/10/31, 8411130220.

DOCKET 50-301 POINT BEACH NUCLEAR PLANT, UNIT 2

F. Security, medical, emergency & fire protection plans

8411120351 Responds to NRC 840821 ltr re violations noted in Emergency Preparedness Insp Repts 50-266/84-13 & 50-301/84-11. Extension of 30 days to submit responses to notice of violations & proposed corrective actions requested.
FAY, C.W. Wisconsin Electric Power Co. 84/09/20. KEPLER, J.O. Region 3, Office of Director. 1p. 27426:231. 24X
Fiche: 50-266, 84/09/20, 8411120351.

8411020181 Requests extension for implementation of upgraded emergency operating procedures until 850701.
FAY, C.W. Wisconsin Electric Power Co. 84/10/26. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27299:257. 24X
Fiche: 50-266, 84/10/26, 8411020181.

8411130342 Ack receipt of 841019 ltr informing NRC of steps taken to correct noncompliance & emergency preparedness weaknesses noted in Insp Repts 50-266/84-13 & 50-301/84-11.
GREGER, L.R. Region 3, Office of Director. 84/11/07. FAY, C.W. Wisconsin Electric Power Co. 1p. 27440:132. 24X
Fiche: 50-266, 84/11/07, 8411130342.

--8411130351 Responds to NRC 840821 ltr re App A violations & emergency preparedness weaknesses noted in Insp Repts 50-266/84-13 & 50-301/84-11. Corrective actions: procedures re emergency action level reviews w/state & local govts will be revised.
FAY, C.W. Wisconsin Electric Power Co. 84/10/19. KEPLER, J.O. Region 3, Office of Director. 4pp. 27440:133. 24X
Fiche: 50-266, 84/11/07, 8411130342.

8411190415 Rev 23 to Emergency Plan EP 5.0. "Organizational Control of Emergencies." W/841114 ltr.
FAY, C.W. Wisconsin Electric Power Co. 84/11/14. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 32pp. 27551:195. 24X
Fiche: 50-266, 84/11/14, 8411190415.

P. Operating license stage documents & correspondence

8411120068 Forwards SER re review of 840601 response to Generic Ltr 83-28, Item 4.3, "Design of Automatic Shunt Trip for Reactor Scram Breakers."
MILLER, J.R. Operating Reactors Branch 3. 84/09/26. FAY, C.W. Wisconsin Electric Power Co. 1p. 27457:213. 24X
Fiche: 50-266, 84/09/26, 8411120068.

--8411120074 Safety evaluation re Generic Ltr 83-28, Item 4.3, "Reactor Trip Breaker Automatic Shunt Trip."
* NRC - No Detailed Affiliation Given. 84/09/26. 8pp. 27457:214. 24X Fiche: 50-266, 84/09/26, 8411120068.

8411150180 Forwards Amends 86 & 90 to Licenses DPR-24 & DPR-27, respectively & safety evaluation. Amends revise Tech Specs to allow use of Westinghouse optimized fuel assemblies.
MILLER, J.R. Operating Reactors Branch 3. 84/10/05. FAY, C.W. Wisconsin Electric Power Co. 4pp. 27543:210. 24X
Fiche: 50-266, 84/10/05, 8411150180.

--8411150185 Amends 86 & 90 to Licenses DPR-24 & DPR-27, respectively, revising Tech Specs to allow use of Westinghouse optimized fuel assemblies.
MILLER, J.R. Operating Reactors Branch 3. 84/10/05. 36pp. 27543:214. 24X Fiche: 50-266, 84/10/05, 8411150180.

--8411150190 Safety evaluation supporting Amends 86 & 90 to Licenses DPR-24 & DPR-27, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/05. 7pp. 27543:250. 24X Fiche: 50-266, 84/10/05, 8411150180.

8411130568 Advises that 840305.0626 & 29 request for mods to license re installation of post-accident monitoring, per TMI Item II.F.1, should be pursued via formal license amend process.
MILLER, J.R. Operating Reactors Branch 3. 84/10/12. FAY, C.W. Wisconsin Electric Power Co. 3pp. 27472:063. 24X
Fiche: 50-266, 84/10/12, 8411130568.

8411020239 Responds to approval exceptions in 840926 safety evaluation re 840601 proposal to incorporate automatic shunt trip circuit for reactor scram breakers. Unit 2 reactor scram breaker shunt trip attachments being installed.
FAY, C.W. Wisconsin Electric Power Co. 84/10/26. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27257:178. 24X
Fiche: 50-266, 84/10/26, 8411020239.

8411050349 Application for amends to Licenses DPR-24 & DPR-27, revising Tech Specs to delete limiting condition for operation of auxiliary feedwater sys & clarification of inservice insp requirements for steam generators. Fee paid.
FAY, C.W. Wisconsin Electric Power Co. 84/10/26. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 3pp. 27300:324. 24X
Fiche: 50-266, 84/10/26, 8411050349.

--8411050360 Proposed Tech Spec rev, deleting limiting condition for operation re auxiliary feedwater sys & clarification of inservice insp requirements for steam generators.
* Wisconsin Electric Power Co. 84/10/26. 8pp. 27300:327. 24X
Fiche: 50-266, 84/10/26, 8411050349.

8411050392 Forwards proprietary & nonproprietary "Software Design Rept for Class A Model & Meteorological, Radiological Effluent & Dose Repts for Point Beach Nuclear Plant," per 841001 ltr. Proprietary version withheld (ref 10CFR2.790).
FAY, C.W. Wisconsin Electric Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 7pp. 27301:155. 24X
Fiche: 50-266, 84/11/01, 8411050392.

--8411050393 Nonproprietary "Software Design Rept for Class A Model & Meteorological, Radiological Effluent & Dose Repts for Point Beach Nuclear Plant."
* Energy Impact Associates. C-399. 84/01/31. 97pp. 27301:162. 24X Fiche: 50-266, 84/11/01, 8411050392.

8411060224 Provides info consistent w/provision of 771102 safety evaluation which included consideration & approval of using fuel assemblies repaired by replacement of damaged fuel rod w/inert rod or by removing rod.
FAY, C.W. Wisconsin Electric Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27324:008. 24X
Fiche: 50-266, 84/11/01, 8411060224.

8411200146 Forwards notice of environ assessment & finding of no significant impact, in response to 840802 application for extension of date for final environ qualification of certain electrical equipment.
MILLER, J.R. Operating Reactors Branch 3. 84/11/01. FAY, C.W. Wisconsin Electric Power Co. 1p. 27586:351. 24X
Fiche: 50-266, 84/11/01, 8411200146.

--8411200153 Notice of environ assessment & finding of no significant impact re 840802 request for extension of deadline for final environ qualification of certain electrical equipment important to safety.
LAINAS, G.C. Assistant Director for Operating Reactors. 84/10/30. 3pp. 27586:352. 24X Fiche: 50-266, 84/11/01, 8411200146.

8411120294 Forwards revised radwaste process control program procedures, in response to 841011 request.
FAY, C.W. Wisconsin Electric Power Co. 84/11/05. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 1p. 27423:012. 24X
Fiche: 50-266, 84/11/05, 8411120294.

DOCKETED ITEMS

- 8411120295 Rev 9 to Procedure OP-9A, "Liquid Waste Process Sys Operation."
* Wisconsin Electric Power Co. 84/02/28. 3pp. 27425:013. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120296 Rev 5 to Procedure OI-16, "Blowdown Evaporator Operation."
* Wisconsin Electric Power Co. 84/01/20. 9pp. 27425:016. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120298 Rev 5 to Procedure OI-19, "Spent Fuel Pit Demineralizer Resin Flush & Recharge. U6."
* Wisconsin Electric Power Co. 83/11/18. 5pp. 27425:025. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120299 Rev 14 to Procedure OI-20, "Resin Transfer Cask & Resin Storage Tank - T112."
* Wisconsin Electric Power Co. 84/06/26. 20pp. 27425:030. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120300 Rev 8 to Procedure OI-21, "Mixed Bed (HDM) Demineralizer Resin Flush & Recharge. 1U1A(B) & 2U1A(B)."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:050. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120302 Rev 6 to Procedure OI-24, "Evaporator Feed Ion Exchanger Resin Flush & Recharge. 1U12A, B&C & 2U12."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:056. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120304 Rev 6 to Procedure OI-26, "Deborating Demineralizer Resin Flush & Recharge. 1U2A(B) & 2U2A(B)."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:062. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120306 Rev 6 to Procedure OI-27, "Cation Bed Demineralizer Resin Flush & Recharge. 1U9 & 2U9."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:068. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120308 Rev 6 to Procedure OI-28, "Condensate Demineralizer Resin Flush & Recharge. U3A, (U3B) & [U3C]."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:074. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120312 Rev 6 to Procedure OI-29, "Waste Polishing Demineralizer Resin Flush & Recharge. T108A & (T108B)."
* Wisconsin Electric Power Co. 83/11/18. 6pp. 27425:080. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120315 Rev 2 to Procedure OI-67, "Operation of AMF Waste Evaporator & Waste Condensate Sys."
* Wisconsin Electric Power Co. 84/05/25. 6pp. 27425:086. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120320 Rev 6 to Procedure RP-58, "NLI-1/2 Spent Fuel Shipping Cask Handling & Unloading."
* Wisconsin Electric Power Co. 84/01/18. 29pp. 27425:092. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120322 Rev 1 to Procedure RDW 2.1, "Radioactive Matl Handling Responsibilities."
* Wisconsin Electric Power Co. 83/12/08. 2pp. 27425:121. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120324 Rev 1 to Procedure RDW 3.1, "Radwaste Disposal."
* Wisconsin Electric Power Co. 84/05/11. 6pp. 27425:123. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120327 Rev 2 to Procedure RDW 3.2, "Disposal of Radwaste in 55 Gallon Drums."
* Wisconsin Electric Power Co. 84/05/11. 9pp. 27425:129. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120331 Rev 2 to Procedure RDW 3.3, "Procedure to Absorb Oil w/Hi Dri for Shipment to Richland, WA Burial Site."
* Wisconsin Electric Power Co. 84/03/09. 6pp. 27425:138. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120335 Rev 4 to Procedure RDW 3.4, "Xylene-Based Scintillation Fluid Packaging & Disposal."
* Wisconsin Electric Power Co. 84/05/11. 4pp. 27425:144. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120336 Rev 1 to Procedure RDW 3.5, "Steam Generator Sludge Lance Filter Disposal."
* Wisconsin Electric Power Co. 84/01/11. 3pp. 27425:148. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120340 Rev 3 to Procedure RDW 3.6, "Preparation of Radwaste Liners for Filling, Storage & Shipment."
* Wisconsin Electric Power Co. 84/05/11. 5pp. 27425:151. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120342 Rev 0 to Procedure RDW 3.6.1, "Transfer of Resin Between Liners."
* Wisconsin Electric Power Co. 83/12/02. 11pp. 27425:156. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120345 Rev 2 to Procedure RDW 3.7, "Preparation of Radwaste Wood Boxes."
* Wisconsin Electric Power Co. 84/03/09. 4pp. 27425:167. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120350 Rev 1 to Procedure RDW 3.8, "Procedure to Determine Radwaste Classification."
* Wisconsin Electric Power Co. 84/05/11. 3pp. 27425:171. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120354 Rev 0 to Procedure RDW 3.9, "Procedure to Decontaminate Oil."
* Wisconsin Electric Power Co. 84/01/11. 6pp. 27425:174. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120358 Rev 2 to Procedure RDW 4.1, "Receipt of Radioactive Matl."
* Wisconsin Electric Power Co. 84/05/11. 15pp. 27425:180. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120364 Rev 3 to Procedure RDW 5.1, "Radioactive Matl Shipments - General."
* Wisconsin Electric Power Co. 84/05/11. 14pp. 27425:195. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120368 Rev 2 to Procedure RDW 5.2, "Shipment of Limited Quantities of Radioactive Matls."
* Wisconsin Electric Power Co. 84/02/23. 3pp. 27425:209. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120372 Rev 0 to Procedure RDW 5.2, "Shipment of Limited Quantities of Radioactive Matls 49CFR173.391."
* Wisconsin Electric Power Co. 83/03/18. 2pp. 27425:212. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120376 Rev 3 to Procedure RDW 5.3, "Shipment of Low Specific Activity Radioactive Matls 49CFR173.425 & 10CFR71.52."
* Wisconsin Electric Power Co. 84/05/11. 4pp. 27425:214. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120379 Rev 4 to Procedure RDW 5.4, "Shipment of Radioactive Matl in Type A, Type B & Highway Route Controlled Quantities."
* Wisconsin Electric Power Co. 84/05/11. 4pp. 27425:218. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120381 Rev 4 to Procedure RDW 5.5, "Spent Fuel Receipt, Handling & Empty Cask Shipment."
* Wisconsin Electric Power Co. 84/09/28. 8pp. 27425:222. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120385 Rev 2 to Procedure RDW 5.6, "Marking & Labeling Requirements for Shipments of Radioactive Matl Packages."
* Wisconsin Electric Power Co. 84/04/06. 6pp. 27425:230. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120390 Rev 1 to Procedure RDW 5.7, "Vehicle Loading, Surveys & Placarding Procedures for Shipments of Radioactive Matl."
* Wisconsin Electric Power Co. 83/12/08. 9pp. 27425:236. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120393 Rev 4 to Procedure RDW 5.8, "Shipment Scheduling & Shipping Paper Preparation for Radioactive Matl Shipments (49CFR172)."
* Wisconsin Electric Power Co. 84/08/31. 13pp. 27425:245. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120394 Rev 3 to Procedure RDW 5.9, "Documentation of Radioactive Matl Shipping Package Insp. Certification & Safety Analysis (49CFR173.24)."
* Wisconsin Electric Power Co. 84/05/11. 4pp. 27425:258. 24X
Fiche: 50-266, 84/11/05, 8411120294.
- 8411120397 Rev 2 to Procedure RDW 5.10, "Selecting Packages for Radioactive Matl Shipments."
* Wisconsin Electric Power Co. 84/05/11. 6pp. 27425:262. 24X
Fiche: 50-266, 84/11/05, 8411120294.

DOCKETED ITEMS

111

8411200107 Approves 840410 request re return of reactor cavity annulus seal rings to original design storage location. Staff concerns re Unresolved Safety Issue A-2 met, per 840201 Generic Ltr 84-04.
MILLER, J.R. Operating Reactors Branch 3. 84/11/05. FAY, C.W. Wisconsin Electric Power Co. 1p. 27598:362. 24X
Fiche: 50-266, 84/11/05, 8411200107.

8411200118 Responds to 840802 request for extension of deadline for final environ qualification for certain safety-related electrical equipment, per 10CFR50.49. Deadline extension granted to 850607 per 10CFR51.32.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/11/05. BRITT, R.W. Wisconsin Electric Power Co. 3pp. 27598:015. 24X
Fiche: 50-266, 84/11/05, 8411200118.

841190560 Application for amends to License DPR-24 & DPR-27, authorizing additions to Tech Specs re overtemp delta-T & overpower delta-T to specify time constants used in measured delta-T & avg temp lag compensations. Fee paid.
FAY, C.W. Wisconsin Electric Power Co. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 4pp. 27549:273. 24X
Fiche: 50-266, 84/11/09, 841190560.

--841190572 Proposed Tech Specs specifying time constants utilized in measured delta-T & avg temp lag compensations which are part of instrumentation for overtemp & overpower delta-T sensing circuitry.
* Wisconsin Electric Power Co. 84/11/09. 2pp. 27549:277. 24X
Fiche: 50-266, 84/11/09, 841190560.

8411210168 Discusses current status of feedwater regulating bypass valves environ qualification upgrade program. Solenoid Operated Air Valve 2-SV481 not replaced due to vendor supply problems delaying replacement valve shipment.
FAY, C.W. Wisconsin Electric Power Co. 84/11/14. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27591:010. 24X
Fiche: 50-301, 84/11/14, 8411210168.

8411210023 Submits addl info re 841109 Tech Spec Change Request 102 concerning overpower & overtemp delta temp compensation.
BRITT, Wisconsin Electric Power Co. 84/11/15. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27591:359. 24X
Fiche: 50-266, 84/11/15, 8411210023.

G. Inspection reports, IE Bulletins & correspondence

841120351 Responds to NRC 840821 ltr re violations noted in Emergency Preparedness Insp Repts 50-266/84-13 & 50-301/84-11. Extension of 30 days to submit responses to notice of violations & proposed corrective actions requested.
FAY, C.W. Wisconsin Electric Power Co. 84/09/20. KEPPLER, J.G., PAPERIELLO, C.J. Region 3, Office of Director. 1p. 27426:231. 24X
Fiche: 50-266, 84/09/20, 841120351.

8411130387 Forwards Insp Repts 50-266/84-15 & 50-301/84-13 on 840801-0930 & notice of violation.
SHAFFER, W.D. Region 3, Office of Director. 84/10/16. FAY, C.W. Wisconsin Electric Power Co. 2pp. 27459:001. 24X
Fiche: 50-266, 84/10/16, 8411130387.

--8411130392 Notice of violation from insp on 840801-0930.
SHAFFER, W.D. Region 3, Office of Director. 84/10/16. 1p. 27459:003. 24X
Fiche: 50-266, 84/10/16, 8411130387.

--8411130401 Insp Repts 50-266/84-15 & 50-301/84-13 on 840801-0930. Noncompliance noted: failure to follow procedures by removing instrument power fuses for Source Range Channel 31 w/o placing level trip switch in bypass.
JACKIWI, I.N. Region 3, Office of Director. 84/10/16. 8pp. 27459:004. 24X
Fiche: 50-266, 84/10/16, 8411130387.

841120196 Forwards Insp Repts 50-266/84-17 & 50-301/84-13 on 840924-28. No noncompliance noted.
SPESSARD, R.L. Region 3, Office of Director. 84/10/17. FAY, C.W. Wisconsin Electric Power Co. 2pp. 27436:251. 24X
Fiche: 50-266, 84/10/17, 841120196.

--841120204 Insp Repts 50-266/84-17 & 50-301/84-13 on 840924-28. No noncompliance or deviations noted. Major areas inspected: license actions on previous insp findings.
HASSE, R., CHOULES, N., HAWKINS, F.C. Region 3, Office of Director. 84/10/17. 10pp. 27436:253. 24X
Fiche: 50-266, 84/10/17, 841120196.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X
Fiche: 50-000, 84/10/26, 8410250031.

8411050349 Application for amends to Licenses DPR-24 & DPR-27, revising Tech Specs to delete limiting condition for operation of auxiliary feedwater sys & clarification of inservice insp requirements for steam generators. Fee paid.
FAY, C.W. Wisconsin Electric Power Co. 84/10/26. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27300:324. 24X
Fiche: 50-266, 84/10/26, 8411050349.

--8411050360 Proposed Tech Spec rev, deleting limiting condition for operation re auxiliary feedwater sys & clarification of inservice insp requirements for steam generators.
* Wisconsin Electric Power Co. 84/10/26. 8pp. 27300:327. 24X
Fiche: 50-266, 84/10/26, 8411050349.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X
Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X
Fiche: 50-000, 84/11/05, 8411010487.

8411130342 Ack receipt of 841019 ltr informing NRC of steps taken to correct noncompliance & emergency preparedness weaknesses noted in Insp Repts 50-266/84-13 & 50-301/84-11.
GREGOR, L.R. Region 3, Office of Director. 84/11/07. FAY, C.W. Wisconsin Electric Power Co. 1p. 27440:132. 24X
Fiche: 50-266, 84/11/07, 8411130342.

--8411130351 Responds to NRC 840821 ltr re App A violations & emergency preparedness weaknesses noted in Insp Repts 50-266/84-13 & 50-301/84-11. Corrective actions: procedures re emergency action level reviews w/state & local govts will be revised.
FAY, C.W. Wisconsin Electric Power Co. 84/10/19. KEPPLER, J.G., PAPERIELLO, C.J. Region 3, Office of Director. 4pp. 27440:133. 24X
Fiche: 50-266, 84/11/07, 8411130342.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 74pp. 27647:206. 24X
Fiche: 50-000, 84/11/08, 8411060254.

8411190498 Ack receipt of 841017 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-266/84-14 & 50-301/84-12.
GREGOR, L.R. Region 3, Office of Director. 84/11/13. FAY, C.W. Wisconsin Electric Power Co. 1p. 27549:025. 24X
Fiche: 50-266, 84/11/13, 8411190498.

--8411190507 Responds to NRC 840830 ltr re violations noted in Insp Rept 50-266/84-14 & 50-301/84-12. Corrective actions: forwards GA audit of Teledyne Isotopes, Inc & Teledyne Isotopes, Inc response to audit findings, per requirement.
FAY, C.W. Wisconsin Electric Power Co. 84/10/17. PAPERIELLO, C.J. Region 3, Office of Director. 7pp. 27549:026. 24X
Fiche: 50-266, 84/11/13, 8411190498.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X
Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X
Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X
Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411210323 Monthly operating repts for Oct 1984. W/841109 ltr.
KRAUSE, C.W., FAY, C.W. Wisconsin Electric Power Co. 84/10/31. 10pp. 27617:016. 24X
Fiche: 50-266, 84/10/31, 8411210323.

DOCKETED ITEMS

S. Reportable occurrences, LERs & related correspondence

B41130191 LER B4-004-00: on B40928, inadvertent reactor protection sys trip occurred when instrument fuses for source range channel 31 removed w/o bypassing trip function. Caused by personnel error. W/B41024 ltr.
FAY, C.W. Wisconsin Electric Power Co. B4/10/24. KEPPLER, J.G. Region 3, Office of Director. 3pp. 27460:109. 24X
Fiche: 50-301, B4/10/24, B41130191.

B411210366 LER B4-005-00: on B41022, 13.8 kV bus tie breaker opened prior to shutting station auxiliary transformer output breaker, resulting in loss of offsite power. Caused by operator error. Operator trainees reinstructed. W/B41114 ltr.
FAY, C.W. Wisconsin Electric Power Co. B4/11/14. KEPPLER, J.G. Region 3, Office of Director. 3pp. 27607:330. 24X
Fiche: 50-301, B4/11/14, B411210366.

B411260518 LER B4-006-00: on B41023, inadvertent actuation of emergency diesel generator G02 occurred. Caused by accidental closing of contact on loss of voltage relay 2-271X1/2A05 while removing insulating mat. W/B41114 ltr.
FAY, C.W. Wisconsin Electric Power Co. B4/11/14. KEPPLER, J.G. Region 3, Office of Director. 3pp. 27644:307. 24X
Fiche: 50-301, B4/11/14, B411260518.

DOCKET 50-302 CRYSTAL RIVER NUCLEAR PLANT, UNIT 3

F. Security, medical, emergency & fire protection plans

B411010044 Forwards final FEMA rept "Crystal River Nuclear Power Plant Exercise," of B40425. Until encouraged to assist in correcting all deficiencies disclosed by FEMA prior to next full scale exercise.
LEWIS, R.C. Region 2, Office of Director. B4/09/24. WILGUS, W.S. Florida Power Corp. 2pp. 27250:120. 24X Fiche: 50-302, B4/09/24, B411010044.

B411150101 Requests that 20-day submittal of annual emergency exercise scenario be eliminated. Detailed exercise scenario w/all controller info should be submitted in accordance w/45-day schedule. No change needed to 75-day schedule.
LEWIS, R.C. Region 2, Office of Director. B4/10/11. WILGUS, W.S. Florida Power Corp. 2pp. 27530:028. 24X Fiche: 50-302, B4/10/11, B411150101.

B411260273 Forwards changes to Rev 4 to modified amended security plan. Changes withheld (ref 10CFR73.21).
WESTAFER, G.R. Florida Power Corp. B4/11/08. O'REILLY, J.P. Region 2, Office of Director. 1p. 27613:101. 24X Fiche: 50-302, B4/11/08, B411260273.

B411260297 Forwards approx schedule for submittal of Tech Spec proposals & revs for Suppl 1 to NUREG-0737 items, per B41001 request.
WESTAFER, G.R. Florida Power Corp. B4/11/20. STOLZ, J.F. Operating Reactors Branch 4. 3pp. 27612:319. 24X Fiche: 50-302, B4/11/20, B411260297.

B411280156 Forwards Safeguards Insp Rept 50-302/B4-31 on B41105-09. No violations or deviations noted.
BROWNLEE, V.L. Region 2, Office of Director. B4/11/21. WILGUS, W.S. Florida Power Corp. 2pp. 27666:001. 24X Fiche: 50-302, B4/11/21, B411280156.

--B411280160 Safeguards Insp Rept 50-302/B4-31 on B41105-09. No violation noted. Major areas inspected: security plan & implementing procedures, mgt effectiveness & physical barriers. Details withheld (ref 10CFR2.790 & 73.21).
ENNIS, J.D., MCSUIRE, D.R. Region 2, Office of Director. B4/11/20. 1p. 27666:003. 24X Fiche: 50-302, B4/11/21, B411280156.

I. Financial information

B411260593 Advises of completion of review of financial info submitted in B41108 ltr. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. B4/11/16. FIRESTONE, L. Ohio Edison Co. 1p. 27645:347. 24X Fiche: 50-000, B4/11/16, B411260593.

B411260606 Advises of completion of review of financial info submitted for 1984. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. B4/11/16. MAUGANS, E.H. Cleveland Electric Illuminating Co. 1p. 27645:344. 24X Fiche: 50-000, B4/11/16, B411260606.

J. Insurance & indemnity information

B411260377 Forwards Endorsement 65 to NELIA Policy NF-195 & Endorsement 50 to MAELU Policy MF-91.
DUCK, J.R. Marsh & McLennan, Inc. B4/11/19. SALTZMAN, J. Assistant Director for State & Licensee Relations. 3pp. 27611:242. 24X
Fiche: 50-302, B4/11/19, B411260377.

P. Operating license stage documents & correspondence

B411020504 Responds to B40831 ltr re schedule for installation of portion of RCS water level instrumentation. Addl justification for delay, noting possible operational problems & difficulty w/proposed schedule requested.
LAINAS, G.C. Assistant Director for Operating Reactors. B4/10/10. WILGUS, W.S. Florida Power Corp. 3pp. 27262:001. 24X
Fiche: 50-302, B4/10/10, B411020504.

B411020206 Provides addl info re spent fuel pool missile shields, per NRC request during FSAR review. In event of tornado watch, fuel handling operations will not begin or will be suspended until missile shields installed.
WESTAFER, G.R. Florida Power Corp. B4/10/29. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27260:112. 24X Fiche: 50-302, B4/10/29, B411020206.

B411060181 Forwards draft responses to NRC positions re inservice testing of pumps & valves.
WILSON, K. Florida Power Corp. B4/10/31. SILVER, H. Operating Reactors Branch 4. 14pp. 27323:213. 24X Fiche: 50-302, B4/10/31, B411060181.

B411140345 Forwards comparison table re adequacy of station electric distribution sys voltage as explanation of assumptions & methodology of original calculations.
WESTAFER, G.R. Florida Power Corp. B4/11/09. STOLZ, J.F. Operating Reactors Branch 4. 5pp. 27469:128. 24X Fiche: 50-302, B4/11/09, B411140345.

B411140353 Application for amend to License DPR-72, consisting of Rev 0 to Tech Spec Change Request 125 to consider DHR loop in operation during Mode 6 if circulating less than 27,000 gpm. Certificate of Svc encl. Fee paid.
WESTAFER, G.R. Florida Power Corp. B4/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 5pp. 27470:005. 24X
Fiche: 50-302, B4/11/09, B411140353.

--B411140356 Rev 0 to Tech Spec Change Request 125, revising surveillance requirement of Mode 6 operation of DHR to delete requirement to verify specific DHR flow rate.
* Florida Power Corp. B4/11/09. 2pp. 27470:010. 24X
Fiche: 50-302, B4/11/09, B411140353.

G. Inspection reports, IE Bulletins & correspondence

B411140046 Ack receipt of B40815 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-302/B4-19.
LEWIS, R.C. Region 2, Office of Director. B4/10/01. WILGUS, W.S. Florida Power Corp. 1p. 27493:286. 24X Fiche: 50-302, B4/10/01, B411140046.

B411130595 Ack receipt of B40928 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-302/B4-21.
LEWIS, R.C. Region 2, Office of Director. B4/10/12. WILGUS, W.S. Florida Power Corp. 1p. 27461:309. 24X Fiche: 50-302, B4/10/12, B411130595.

--B411130613 Responds to NRC B40831 ltr re violations noted in Insp Rept 50-302/B4-21. Corrective actions: Maint Procedure MP-123 & Surveillance Procedures SP-104 & SP-113 revised.
WESTAFER, G.R. Florida Power Corp. B4/09/28. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27461:310. 24X
Fiche: 50-302, B4/10/12, B411130595.

--B411130618 Forwards Insp Rept 50-302/B4-21 on B40627-0730 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. B4/08/31. WILGUS, W.S. Florida Power Corp. 2pp. 27461:313. 24X Fiche: 50-302, B4/10/12, B411130595.

--B411130625 Notice of violation from insp on B40627-0730.
* Region 2, Office of Director. B4/08/31. 2pp. 27461:315. 24X
Fiche: 50-302, B4/10/12, B411130595.

--B411130632 Insp Rept 50-302/B4-21 on B40627-0730. Violations noted: failure to follow Maint & Surveillance Procedures MP-113, SP-104 & SP-113.
STETKA, T.F., PANCIERA, V.W. Region 2, Office of Director. B4/08/13. 11pp. 27461:317. 24X Fiche: 50-302, B4/10/12, B411130595.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411060152 Forwards addl requests for relief from inservice insp requirements of ASME Boiler & Pressure Vessel Code, Section XI, 1974 edition through Summer 1975 addenda.
SIMPSON, E. C. Florida Power Corp. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 10pp. 27322:313. 24X Fiche: 50-302, 84/10/31, 8411060152.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411130041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411130041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411260407 Forwards response to IE Bulletin 84-03 re refueling cavity water seal. Changes to configuration or emergency operating procedures unnecessary.
WESTAFER, G. R. Florida Power Corp. 84/11/20. O'REILLY, J. P. Region 2, Office of Director. 5pp. 27610:092. 24X Fiche: 50-302, 84/11/20, 8411260407.

8411280156 Forwards Safeguards Insp Rept 50-302/84-31 on 841105-09. No violations or deviations noted.
BROWNLEE, V. L. Region 2, Office of Director. 84/11/21. WILGUS, W. S. Florida Power Corp. 2pp. 27666:001. 24X Fiche: 50-302, 84/11/21, 8411280156.

--8411280160 Safeguards Insp Rept 50-302/84-31 on 841105-09. No violation noted. Major areas inspected: security plan & implementing procedures, mgt effectiveness & physical barriers. Details withheld (ref 10CFR2.790 & 73.21).
ENNIS, J. D., MCGUIRE, D. R. Region 2, Office of Director. 84/11/20. 1p. 27666:003. 24X Fiche: 50-302, 84/11/21, 8411280156.

S. Reportable occurrences, LERs & related correspondence

8411190565 Special Rept 84-04 on 840919, fire suppression water sys placed in degraded mode of operation to support sys mod. Caused by redundant loop flow path allowing only one fire svc sys header to remain in svc. Loop removed.
WESTAFER, G. R. Florida Power Corp. 84/10/03. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27567:241. 24X Fiche: 50-302, 84/10/03, 8411190565.

8411070002 PNO-II-84-083 on 841105, facility taken out of svc to replace shorted CRD stator. Caused by 841102 dropped rod triggering turbine runback. Unit will be shut down for 5 days. Other maint will be performed during outage.
PANCIERA, V. W., DANCE, H. C. Region 2, Office of Director. 84/11/05. 1p. 27360:055. 24X Fiche: 50-302, 84/11/05, 8411070002.

8411190581 LER 84-019-00 on 841010, operability of cable tunnel sump pump not verified. Caused by operator not performing Surveillance Requirement 4.B.1.1.a.2 at least once every 8 h. Procedure mods will be made. W/841109 ltr.
BANDHAUER, W. K., WESTAFER, G. R. Florida Power Corp. 84/11/09. 3pp. 27567:245. 24X Fiche: 50-302, 84/11/09, 8411190581.

8411290640 NPDES noncompliance notification: average total suspended solids from Discharge 003 (LSST) exceeded limits for month of Oct 1984. Cause not stated. Plant will maintain running monthly average & reprocess any discharge.
WESTAFER, G. R., WILGUS, W. S. Florida Power Corp. 84/11/20. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. MCGARRY, P. T. Georgia, State of. 2pp. 27722:133. 24X Fiche: 50-302, 84/11/20, 8411290640.

DOCKET 50-304 ZION NUCLEAR POWER STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411050228 Rev 1 to Procedure EPIP-340-1, "Estimate of Total RCS Mass." PLINLM, G. Commonwealth Edison Co. 84/10/15. 26pp. 27303:147. 24X Fiche: 50-295, 84/10/15, 8411050228.

8411020136 Notifies of spent fuel shipment from BMI to facility. Schedule withheld (ref 10CFR73.37).
DANESE, F. L. Nuclear Assurance Corp. 84/10/16. Region 3, Office of Director. 1p. 27262:281. 24X Fiche: 50-295, 84/10/16, 8411020136.

8411060215 Rev 16 to EPIP 320-1, "Activation of Generating Station Emergency Plan Station Group" & Index.
* Commonwealth Edison Co. 84/10/29. 7pp. 27324:038. 24X Fiche: 50-295, 84/10/29, 8411060215.

8411160334 Revised environ emergency plan implementing procedures including EQ-1 re coordination of environ group activities & EQ-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR.
THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022. 24X Fiche: 50-000, 84/10/31, 8411160334.

P. Operating license stage documents & correspondence

8411060462 Application for amends to Licenses DPR-39 & DPR-48, changing Tech Specs to address NUREG-0737, Item II.B.1 (Generic Ltr 83-37) concerns re RCS operational components & vents. Fee paid.
CASCARANO, R. N. Commonwealth Edison Co. 84/10/29. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27312:320. 24X Fiche: 50-295, 84/10/29, 8411060462.

--8411060468 Proposed Tech Spec changes addressing NUREG-0737 Item II.B. (Generic Ltr 83-37) concerns re RCS operational components & vents.
* Commonwealth Edison Co. 84/10/29. 4pp. 27312:322. 24X Fiche: 50-295, 84/10/29, 8411060462.

8411140333 Forwards fee for 840919 ASME Code Case N-401 approval application.
CASCARANO, R. N. Commonwealth Edison Co. 84/10/29. DIQGS, R. M. License Fee Management Branch. 2pp. 27469:020. 24X Fiche: 50-295, 84/10/29, 8411140333.

8411200100 Informs that ASME Code Case N-401, "Eddy Current Exam Recording Data, Section XI, Div 1," acceptable & approved by Commission for use in data recording & storage of eddy current exams of steam generator tubes, per 840919 request.
VARGA, S. A. Operating Reactors Branch 1. 84/11/05. FARRAR, D. L. Commonwealth Edison Co. 2pp. 27598:031. 24X Fiche: 50-295, 84/11/05, 8411200100.

8411280379 Forwards errata to Amends 79 & 69 to Licenses DPR-39 & DPR-48, respectively. Revised Tech Spec Page 199 contained errors & should be replaced by encl revised page.
NORRIS, J. A. Operating Reactors Branch 1. 84/11/06. FARRAR, D. L. Commonwealth Edison Co. 2pp. 27683:271. 24X Fiche: 50-295, 84/11/06, 8411280379.

--8411280383 Errata to Amends 79 & 69 to Licenses DPR-39 & DPR-48, respectively, covering limiting conditions for operation & surveillance requirements re penetration pressurization air compressors.
* Operating Reactors Branch 1. 84/11/06. 1p. 27683:273. 24X Fiche: 50-295, 84/11/06, 8411280379.

DOCKETED ITEMS

G. Inspection reports, IE Bulletins & correspondence

8411010056 Forwards Insp Repts 50-295/84-13 & 50-304/84-13 on 840728-0831 & notice of violation.
SHAHER, W.D. Region 3, Office of Director. 84/09/19. REED, C. Commonwealth Edison Co. 2pp. 27250:202. 24X Fiche: 50-295, 84/09/19, 8411010056.

--8411010060 Notice of violation from insp on 840728-0831.
SHAHER, W.D. Region 3, Office of Director. 84/09/19. 2pp. 27250:204. 24X Fiche: 50-295, 84/09/19, 8411010056.

--8411010064 Insp Repts 50-295/84-13 & 50-304/84-13 on 840728-0831.
Noncompliance noted: Failure to make required LER & failure to comply w/approved written procedures.
WRIGHT, G.C. Region 3, Office of Director. 84/09/18. 7pp. 27250:206. 24X Fiche: 50-295, 84/09/19, 8411010056.

8411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-293/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-6B, 50-453/84-46, 50-456/84-27 & 50-457/84-26 on 840907.
NORELUS, C.E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

--8411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites.
SUERMANN, J.F. Region 3, Office of Director. 84/10/12. 5pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

8411130436 Forwards Insp Repts 50-295/84-17 & 50-304/84-18 on 840901-28. No noncompliance noted.
SHAHER, W.D. Region 3, Office of Director. 84/10/17. REED, C. Commonwealth Edison Co. 2pp. 27463:246. 24X Fiche: 50-295, 84/10/17, 8411130436.

--8411130437 Insp Repts 50-295/84-17 & 50-304/84-18 on 840901-28. No noncompliance noted. Major areas inspected: licensee actions on previous insp findings, Unit 1 shutdown due to steam generator tube leakage, operational safety & ESP walkdown.
WRIGHT, G. Region 3, Office of Director. 84/10/17. 6pp. 27463:248. 24X Fiche: 50-295, 84/10/17, 8411130436.

8410250031 IE Info Notice 84-77. "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411090074 Notification of 841115 & 16 meetings w/util in Bethesda, MD to discuss second 10-yr program for inservice insp.
NORRIS, J.A. Operating Reactors Branch 1. 84/10/30. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27424:268. 24X Fiche: 50-295, 84/10/30, 8411090074.

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411060123 Ack receipt of 841019 ltr informing NRC of steps taken to correct noncompliance noted in Insp Repts 50-295/84-13 & 50-304/84-13.
* Region 3, Office of Director. 84/11/02. Commonwealth Edison Co. 1p. 27322:302. 24X Fiche: 50-295, 84/11/02, 8411060123.

NRC 840919 ltr re noncompliance noted in Insp 50-304/84-13. Corrective actions: ed & classification of events being pliance w/10CFR50.73.
1th Edison Co. 84/10/19. KEPPLER, J.G. rector. 3pp. 27322:303. 24X 8411060123.

84-79. "Failure to Properly Install Steam kee." Svc list encl.
Emergency Preparedness & Engineering 84/11/05. Consolidated Edison Co. of New 7:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

84-80. "Plant Transients Induced by Failure station Power." Svc list encl.
Emergency Preparedness & Engineering 84/11/08. Consolidated Edison Co. of New 7:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411270398 Forwards Rev 1 to inservice insp program for first 10-yr interval. Rev result of questions raised on similar areas of second 10-yr interval inservice insp program & directly related to 830627 relief request.
CASCARANO, R.N. Commonwealth Edison Co. 84/11/13. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 12pp. 27628:238. 24X Fiche: 50-295, 84/11/13, 8411270398.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411200023 Monthly operating repts for Oct 1984. W/841105 ltr.
AUSTIN, G., GRAESSER, K.L. Commonwealth Edison Co. 84/10/31. 12pp. 27585:182. 24X Fiche: 50-295, 84/10/31, 8411200023.

S. Reportable occurrences, LERs & related correspondence

8411210401 LER 84-024-01: on 840821, at conclusion of periodic testing, train B failed to reset. Caused by failure of test relays or master safety injection actuating relay. Relays replaced.
W/841026 ltr.
KAPLAN, S., GRAESSER, K.L. Commonwealth Edison Co. 84/10/26. 3pp. 27607:327. 24X Fiche: 50-304, 84/10/26, 8411210401.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411290251 LER 83-044/03X-2: on 831111, valve 2MOV-CS006 failed to stroke when actuated. Caused by isolated mechanical failure of limitor operator. Operator rebuilt. W/841119 ltr.
PETROWSKI, S.E., GRAESSER, K.L. Commonwealth Edison Co. 84/11/19. Record Services Branch (Document Control Desk). 3pp. 27718:335. 24X Fiche: 50-304, 84/11/19, 8411290251.

DOCKET 50-305 KEWAUNEE NUCLEAR POWER PLANT

P. Operating license stage documents & correspondence

8411020091 Forwards addl info requested in NRC 840517 ltr re removal of auto closure feature on RHR isolation valves. Procedures, control board indication, alarms & training instituted to insure one valve would not be open at full RCS pressure.
HINTZ, D.C. Wisconsin Public Service Corp. 84/10/30. VARGA, S.A. Operating Reactors Branch 1. 6pp. 27256:168. 24X Fiche: 50-305, 84/10/30, 8411020091.

8411070077 Procedure ACD 6.12, "Solid Radwaste Process Control Program." W/841101 ltr.
HINTZ, D.C. Wisconsin Public Service Corp. 84/11/01. VARGA, S.A. Operating Reactors Branch 1. 8pp. 27368:315. 24X Fiche: 50-305, 84/11/01, 8411070077.

8411280251 Informs that applicant 840815 & 0925 responses meet intent of NRC 830324 ltr proposing adoption of model Tech Spec re control rod position indication sys in cold shutdown modes. Issue resolved & TAC 49859 closed.
VARGA, S.A. Operating Reactors Branch 1. 84/11/08. HINTZ, D.C. Wisconsin Public Service Corp. 2pp. 27675:357. 24X Fiche: 50-305, 84/11/08, 8411280251.

8411210141 Forwards response to Section 2.2.2 of Generic Ltr 83-28. "Required Actions Based on Generic Implications of Salem ATWS Events." INPD investigating feasibility of improving SEE-IN & NPRDS programs.
HINTZ, D.C. Wisconsin Public Service Corp. 84/11/15. EISENHUT, D.O. Division of Licensing. 24pp. 27590:069. 24X Fiche: 50-305, 84/11/15, 8411210141.

G. Inspection reports, IE Bulletins & correspondence

8411260052 Forwards Insp Rept 50-305/84-12 on 840816-1015. No noncompliance noted.

SHAFER, W.D. Region 3, Office of Director. 84/10/23. HINTZ, D.C. Wisconsin Public Service Corp. 2pp. 27645:210. 24X Fiche: 50-305, 84/10/23, 8411260052.

--8411260062 Insp Rept 50-305/84-12 on 840817-1015. No noncompliance noted. Major areas inspected: operational safety, maint, surveillance & independent insp.

JACKIW, I.N. Region 3, Office of Director. 84/10/23. 4pp. 27645:212. 24X Fiche: 50-305, 84/10/23, 8411260052.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.

JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.

JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411120209 Forwards errata to SALP Rept 50-305/84-08 for Apr-June 1984, per 840918 meeting.

KEPPLER, J.O. Region 3, Office of Director. 84/11/06. HINTZ, D.C. Wisconsin Public Service Corp. 2pp. 27429:343. 24X Fiche: 50-305, 84/11/06, 8411120209.

--8411120212 Errata to SALP Rept 50-305/84-08 for Apr-June 1984.

* Region 3, Office of Director. 84/11/06. 5pp. 27429:345. 24X Fiche: 50-305, 84/11/06, 8411120209.

--8411120217 Provides correction to SALP rept. Resolution date for open items re environ monitoring should be changed from 840801 to 850301.

HINTZ, D.C. Wisconsin Public Service Corp. 84/09/25. KEPPLER, J.O. Region 3, Office of Director. 1p. 27429:350. 24X Fiche: 50-305, 84/11/06, 8411120209.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.

JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411130041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.

JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411130041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.

JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.

JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411190334 Monthly operating rept for Oct 1984. W/841109 1tr.

RUITER, G.H., HINTZ, D.C. Wisconsin Public Service Corp. 84/10/31. 5pp. 27567:258. 24X Fiche: 50-305, 84/10/31, 8411190334.

S. Reportable occurrences, LERs & related correspondence

8411130165 LER 84-003-01: on 840401, during Cycle IX-X refueling shutdown, underwater visual insp of three rod cluster control assemblies revealed apparent wear marks on cladding of absorber rods, correlating to guide marks. W/841031 1tr.

THORGERSEN, J.O., HINTZ, D.C. Wisconsin Public Service Corp. 84/10/31. 3pp. 27480:129. 24X Fiche: 50-305, 84/10/31, 8411130165.

8411130441 LER 84-017-00: on 841002, both fire pumps w/o power for approx 2 minutes during full power operation. Caused by equipment operator error during annual fire pump flow test. Operator counseled. W/841101 1tr.

BERNHOF, S., HINTZ, D.C. Wisconsin Public Service Corp. 84/11/01. 3pp. 27458:360. 24X Fiche: 50-305, 84/11/01, 8411130441.

8411160021 LER 84-013-01: on 840702, auxiliary bldg special ventilation sys train B ran for unknown reason. Cause later identified as burned out coil on Johnson solenoid valve. Valves will be replaced. W/841105 1tr.

BERNHOF, S., HINTZ, D.C. Wisconsin Public Service Corp. 84/11/05. 3pp. 27544:127. 24X Fiche: 50-305, 84/11/05, 8411160021.

8411280554 LER 84-018-00: on 840928, discovered fan coil units for cooling ESF equipment had less than design air flow. Caused by svc water side of fan coil units being partially blocked w/silt. Units cleaned. W/841119 1tr.

THORGERSEN, J.O., HINTZ, D.C. Wisconsin Public Service Corp. 84/11/19. 3pp. 27689:110. 24X Fiche: 50-305, 84/11/19, 8411280554.

V. Operator Examinations

8411200345 Forwards operator training program, reflecting onshift training from straight day shift schedule to rotating shift schedule to meet guidance of NUREG-0737, Item I.A.2.1.4.

HINTZ, D.C. Wisconsin Public Service Corp. 84/11/15. EISENHUT, D.G. Division of Licensing. 3pp. 27571:227. 24X Fiche: 50-305, 84/11/15, 8411200345.

--8411200346 Rev A to TP-9E, "Senior Reactor Operator Training Program." * Wisconsin Public Service Corp. 83/12/05. 3pp. 27571:230. 24X Fiche: 50-305, 84/11/15, 8411200345.

--8411200347 Rev B to TP-9C, "Hot License Training Program Utilizing Simulator."

* Wisconsin Public Service Corp. 83/12/05. 8pp. 27571:233. 24X Fiche: 50-305, 84/11/15, 8411200345.

DOCKET 50-306 PRAIRIE ISLAND NUCLEAR STATION, UNIT 2F. Security, medical, emergency & fire protection plans

8411020175 Forwards public version of Rev 29 to emergency plan implementing procedures, including F3-1, "Onsite Emergency Organization," F3-2, "Classification of Emergencies," & F3-3, "Responsibilities During..."

FEY, F.L. Northern States Power Co. 84/10/08. Region 3, Office of Director. 2pp. 27262:104. 24X Fiche: 50-282, 84/10/08, 8411020175.

--8411020183 Public version of Rev 29 to emergency plan implementing procedures, including F3-1, "Onsite Emergency Organization,"

F3-2, "Classification of Emergencies," & F3-3, "Responsibilities During Notification of Unusual Events." * Northern States Power Co. 84/10/08. 173pp. 27262:105. 24X Fiche: 50-282, 84/10/08, 8411020175.

8411010285 Forwards Rev 6 to security force training & qualification plan for Monticello & Prairie Island Nuclear Generating Plant. Rev withheld (ref 10CFR2.790).

LARSON, C.E. Northern States Power Co. 84/10/11. KEPPLER, J.O. Region 3, Office of Director. 1p. 27232:137. 24X Fiche: 50-000, 84/10/11, 8411010285.

8411010134 Revised emergency plan implementing procedures, including F3 re emergency plan implementing procedures table of contents & F3-17 re core damage assessment. W/841024 1tr.

FEY, F.L. Northern States Power Co. 84/10/24. 39pp. 27232:140. 24X Fiche: 50-282, 84/10/24, 8411010134.

8411160056 Forwards Insp Repts 50-282/84-12 & 50-306/84-14 on 841003-05. No noncompliance noted.

GREGOR, L.R. Region 3, Office of Director. 84/10/24. LARSON, C.E. Northern States Power Co. 2pp. 27544:003. 24X Fiche: 50-282, 84/10/24, 8411160056.

--8411160064 Insp Repts 50-282/84-12 & 50-306/84-14 on 841003-05. No noncompliance or deviations noted. Major areas inspected:

emergency preparedness plan, including training, changes to program, licensee audits & maint.
GLORSEN, W.B. Region 3, Office of Director. 84/10/25. 7pp. 27544:005. 24X Fiche: 50-282, 84/10/24, 8411160056.

8411130440 Forwards FEMA 841009 evaluation of effect of deficiency in Pierce County on overall status of offsite preparedness.

County can accurately monitor developments, formulate messages & notify public in event of emergency.
GREGOR, L.R. Region 3, Office of Director. 84/11/07. LARSON, C.E. Northern States Power Co. 2pp. 27439:044. 24X Fiche: 50-282, 84/11/07, 8411130440.

DOCKETED ITEMS

8411290100 Advises that 841011 Rev 6 to physical security plan inconsistent w/provisions of 10CFR50.54(p) & unacceptable. AXELSON, W.L. Region 3, Office of Director. 84/11/15. LARSON, C.E. Northern States Power Co. 2pp. 27721:089. 24X Fiche: 50-282, 84/11/15, 8411290100.

P. Operating license stage documents & correspondence

8411140552 Forwards safety evaluation re topical rept, "Rod Swap Methodology NSPNAD 8408" (Jul 1984). Proposed methodology acceptable for future reloads provided listed conditions met. MILLER, J.R. Operating Reactors Branch 3. 84/10/24. MUSOLF, D.M. Northern States Power Co. 1p. 27526:323. 24X Fiche: 50-282, 84/10/24, 8411140552.

--8411140558 Safety evaluation supporting rod swap methodology described in topical rept, "Rod Swap Methodology NSPNAD 8408" (Jul 1984). * Office of Nuclear Reactor Regulation, Director. 84/10/24. 3pp. 27526:324. 24X Fiche: 50-282, 84/10/24, 8411140552.

8411150327 Forwards corrected Amends 70 & 64 to Licenses DPR-42 & DPR-60, respectively. Tech Spec 3.14-4, inadvertently omitted from 840912 amends. encl. DIANNI, D.C. Operating Reactors Branch 4. 84/10/25. MUSOLF, D.M. Northern States Power Co. 1p. 27530:275. 24X Fiche: 50-282, 84/10/25, 8411150327.

--8411150332 Corrected Amends 70 & 64 to Licenses DPR-42 & DPR-60, respectively, adding Tech Spec 3.14-4 re operator action for inoperable containment ventilation isolation sys, inadvertently omitted from 840912 amends. * Operating Reactors Branch 4. 84/10/25. 2pp. 27530:276. 24X Fiche: 50-282, 84/10/25, 8411150327.

8411010380 Advises that manual isolation valves in Unit 1 vent line blocked & tagged in accordance w/requirements of Tech Spec 4.18. Tech Spec for reactor coolant vent sys implemented. MUSOLF, D. Northern States Power Co. 84/10/26. Office of Nuclear Reactor Regulation, Director. 1p. 27229:178. 24X Fiche: 50-282, 84/10/26, 8411010380.

G. Inspection reports, IE Bulletins & correspondence

841160056 Forwards Insp Repts 50-282/84-12 & 50-306/84-14 on 841003-05. No noncompliance noted. GREGER, L.R. Region 3, Office of Director. 84/10/24. LARSON, C.E. Northern States Power Co. 2pp. 27544:003. 24X Fiche: 50-282, 84/10/24, 841160056.

--841160064 Insp Repts 50-282/84-12 & 50-306/84-14 on 841003-05. No noncompliance or deviations noted. Major areas inspected: emergency preparedness plan, including training, changes to program, licensee audits & maint. GLOERSEN, W.B., PATTERSON, J., PHILLIPS, M.P. Region 3, Office of Director. 84/10/25. 7pp. 27544:005. 24X Fiche: 50-282, 84/10/24, 841160056.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841130041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841130041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

8411140325 Monthly operating repts for Sept 1984. W/841005 ltr. DUGSTAD, D., MUSOLF, D. Northern States Power Co. 84/09/30. 9pp. 27491:242. 24X Fiche: 50-282, 84/09/30, 8411140325.

S. Reportable occurrences, LERs & related correspondence

8411120127 LER 84-002-00 on 840928, two pressurizer transmitters found out of spec. Cause not stated. Unit 1 transmitters being checked. Supplemental rept will be submitted. W/841029 ltr. HUNSTAD, A.A., MUSOLF, D. Northern States Power Co. 84/10/29. 3pp. 27437:207. 24X Fiche: 50-306, 84/10/29, 8411120127.

DOCKET 50-309 MAINE YANKEE ATOMIC POWER PLANT

F. Security, medical, emergency & fire protection plans

841130280 Forwards Insp Rept 50-309/84-16 on 840701-0830. No violations noted. WENZINGER, E.C. Region 1, Office of Director. 84/10/18. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 2pp. 27459:334. 24X Fiche: 50-309, 84/10/18, 841130280.

--841130285 Insp Rept 50-309/84-16 on 840701-0830. No violations noted. Major areas inspected: control room, accessible parts of plant structures, plant operations, radiation protection, physical security & fire protection. HOLDEN, C., FERLIC, K., ELSASSER, T. Region 1, Office of Director. 84/10/17. 8pp. 27459:336. 24X Fiche: 50-309, 84/10/18, 841130280.

841020174 Submits response to Insp Rept 50-309/84-15. Corrective actions: 55 gallon drum immediately covered & flammable solvent returned to proper storage location & fire watch posted for two fire doors w/questionable fire rating. WHITTIER, G.D. Maine Yankee Atomic Power Co. 84/10/25. MURLEY, T.E. Region 1, Office of Director. 3pp. 27257:210. 24X Fiche: 50-309, 84/10/25, 841020174.

8411070050 Advises that 840615 rev to physical security plan consistent with provisions of 10CFR50.54(p) & acceptable. MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/31. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 3pp. 27356:281. 24X Fiche: 50-309, 84/10/31, 8411070050.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region 1. MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. RANDAZZA, J.B. Maine Yankee Atomic Power Co. LICHTENBERGER Combustion Engineering, Inc. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411290451 Ack receipt of 840904 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-309/84-12. Corrective action examined during 840827 insp visit. MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/05. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 2pp. 27721:254. 24X Fiche: 50-309, 84/11/05, 8411290451.

8411260112 Forwards "Evaluation Time Estimate Update for Boothbay Harbor Region of Maine Yankee Plume Exposure Pathway Emergency Planning Zone" dtd Nov 1984, per 840810 info request. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 84/11/06. MURLEY, T.E. Region 1, Office of Director. 3pp. 27610:293. 24X Fiche: 50-309, 84/11/06, 8411260112.

--8411260120 "Evacuation Time Estimate Update for Boothbay Harbor Region of Maine Yankee Plume Exposure Pathway Emergency Planning Zone." * HNM Associates, Inc. 84-949. 84/11/30. 100pp. 27610:296. 24X Fiche: 50-309, 84/11/06, 8411260112.

P. Operating license stage documents & correspondence

8411140313 Requests written commitment to operate new low temp overpressure protection sys under procedures which include independent verification of setpoints by second operator. MILLER, J.R. Operating Reactors Branch 3. 84/10/02. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 1p. 27525:106. 24X Fiche: 50-309, 84/10/02, 8411140313.

8411150345 Requests reconsideration of 840730 proposed schedule for completion of NUREG-0737, Item II.B.3 re post-accident sampling sys w/proposed goal of providing all submittals by 841215. MILLER, J.R. Operating Reactors Branch 4. 84/10/05. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 2pp. 27530:271. 24X Fiche: 50-309, 84/10/05, 8411150345.

8411140067 Corrected notification of 841108 meeting w/util in Bethesda, MD to discuss TMI Action Plan Item II.E.1.1 re auxiliary feedwater sys evaluation. HEITNER, K.L. Operating Reactors Branch 3. 84/10/22. MILLER, J.R. Operating Reactors Branch 3. 1p. 27509:352. 24X Fiche: 50-309, 84/10/22, 8411140067.

8411020123 "Cycle 8 Startup Test Rept." W/841023 ltr. WHITTIER, G.D. Maine Yankee Atomic Power Co. 84/10/25. MILLER, J.R. Operating Reactors Branch 3. 13pp. 27257:078. 24X Fiche: 50-309, 84/10/25, 8411020123.

8411010111 Forwards response to NRC 840525 request for addl info re util 831219 submittal of auxiliary power sys voltage study. Diagram of voltage study sys impedance encl. WHITTIER, G.D. Maine Yankee Atomic Power Co. 84/10/29. MILLER, J.R. Operating Reactors Branch 3. 8pp. 27229:149. 24X Fiche: 50-309, 84/10/29, 8411010111.

8411140078 Comments on & requests addl info re seismic design review. List of seismic improvements completed & planned, list of applicable structures, sys & components & floor spectra for elevations in structures requested. MILLER, J.R. Operating Reactors Branch 3. 84/10/29. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 4pp. 27509:347. 24X Fiche: 50-309, 84/10/29, 8411140078.

8411070039 Confirms commitment to operate low temp overpressure protection sys under procedures which require independent verification of sys setpoints. Procedures revised to require second operator independently verify PORV variable. WHITTIER, G.D. Maine Yankee Atomic Power Co. 84/11/01. MILLER, J.R. Operating Reactors Branch 3. 1p. 27358:185. 24X Fiche: 50-309, 84/11/01, 8411070039.

8411190546 Forwards revised schedule for submittal of drafts for core damage assessment program, per NRC 841005 ltr re post-accident sampling sys. Final form of program will be submitted by 850201. WHITTIER, G.D. Maine Yankee Atomic Power Co. 84/11/09. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27549:081. 24X Fiche: 50-309, 84/11/09, 8411190546.

8411200242 Advises that response to 841022 ltr re masonry wall design mods will be submitted by 841217. WHITTIER, G.D. Maine Yankee Atomic Power Co. 84/11/15. MILLER, J.R. Operating Reactors Branch 3. 1p. 27577:347. 24X Fiche: 50-309, 84/11/15, 8411200242.

G. Inspection reports, IE Bulletins & correspondence

8411130068 Forwards Insp Rept 50-309/84-18 on 840813-17 & notice of violation. MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/17. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 2pp. 27460:197. 24X Fiche: 50-309, 84/10/17, 8411130068.

--8411130074 Notice of violation from insp on 840813-17. * Region 1, Office of Director. 84/10/17. 1p. 27460:199. 24X Fiche: 50-309, 84/10/17, 8411130068.

--8411130083 Insp Rept 50-309/84-18 on 840813-17. Violation noted: semiannual audits required by Tech Specs did not include results of action taken to correct deficiencies affecting nuclear safety. NAPUDA, G. PRELL, J., EBNETER, S.D. Region 1, Office of Director. 84/10/15. 10pp. 27460:200. 24X Fiche: 50-309, 84/10/17, 8411130068.

8411130280 Forwards Insp Rept 50-309/84-16 on 840701-0830. No violations noted. WENZINGER, E.C. Region 1, Office of Director. 84/10/18. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 2pp. 27459:334. 24X Fiche: 50-309, 84/10/18, 8411130280.

--8411130285 Insp Rept 50-309/84-16 on 840701-0830. No violations noted. Major areas inspected: control room, accessible parts of plant structures, plant operations, radiation protection, physical security & fire protection. HOLDEN, C., FERLIC, K., ELSASSER, T. Region 1, Office of Director. 84/10/17. 8pp. 27459:336. 24X Fiche: 50-309, 84/10/18, 8411130280.

8411140289 Informs of completion of review of submittals on IE Bulletin 80-11 re masonry wall design. SER, technical evaluation rept & Structural & Geotechnical Engineering Branch staff position encl. Addl info requested within 60 days. MILLER, J.R. Operating Reactors Branch 3. 84/10/22. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 1p. 27525:129. 24X Fiche: 50-309, 84/10/22, 8411140289.

--8411140295 Safety evaluation on IE Bulletin 80-11 re masonry wall design. Implementation of Items 2(b) & 3 acceptable w/ exception of three walls requiring implementation of staff position on use of arching action theory. * NRC - No Detailed Affiliation Given. 84/10/22. 2pp. 27525:130. 24X Fiche: 50-309, 84/10/22, 8411140289.

--8410030608 Revised "Masonry Wall Design, Maine Yankee Atomic Power Station," technical evaluation rept. LEA, K., TRIDLO, S.J. ARVIN/CALSPAN Advanced Technology Center. NRC-03-81-130. TER-C5506-252. 84/09/20. CHOKSHI, N.C. NRC - No Detailed Affiliation Given. 35pp. 27525:132. 24X Fiche: 50-309, 84/10/22, 8411140289.

8411050557 Responds to NRC concerns raised at 840925 meeting re SALP rating in plant operations. Latest SALP does not accurately reflect util current performance in plant operations. Meeting requested. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 84/10/23. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 2pp. 27327:344. 24X Fiche: 50-309, 84/10/23, 8411050557.

8411020174 Submits response to Insp Rept 50-309/84-15. Corrective actions: 55 gallon drum immediately covered & flammable solvent returned to proper storage location & fire watch posted for two fire doors w/questionable fire rating. WHITTIER, G.D. Maine Yankee Atomic Power Co. 84/10/25. MURLEY, T.E. Region 1, Office of Director. 3pp. 27257:210. 24X Fiche: 50-309, 84/10/25, 8411020174.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411210060 Advises that, per 840914 site visit to discuss util 840705 response to violations noted in Insp Rept 50-309/84-02. Item A withdrawn & Item B modified. Revised notice of violation encl. STAROSTECKI, R. Division of Project & Resident Programs. 84/10/30. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 4pp. 27607:338. 24X Fiche: 50-309, 84/10/30, 8411210060.

--8411210064 Revised notice of violation from insp on 840305-09. Specific examples of lack of implementation of program to correct tagging & safeguards equipment cited. * Division of Project & Resident Programs. 84/10/30. 1p. 27607:342. 24X Fiche: 50-309, 84/10/30, 8411210060.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411290451 Ack receipt of 840904 ltr informing NRC of steps taken to correct violation noted in Insp Rept 50-309/84-12. Corrective action examined during 840827 insp visit. MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/05. RANDAZZA, J.B. Maine Yankee Atomic Power Co. 2pp. 27721:254. 24X Fiche: 50-309, 84/11/05, 8411290451.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKETED ITEMS

8411260422 Ack receipt of 840402 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-309/83-18. Four violations consolidated into one violation per 841103 enforcement conference.
STAROSTECKI, R. Division of Project & Resident Programs. 84/11/15.
RANDAZZA, J.B. Maine Yankee Atomic Power Co. 2pp. 27612:230. 24X
Fiche: 50-309, 84/11/15, 8411260422.

—8411260425 Responds to NRC 840227 ltr re violations noted in Insp Rept 50-309/83-18. Corrective actions: outer hatch door to containment repaired; surveillance program for hatch door expanded & load bearing door surfaces checked for wear.
WHITTIER, G.D. Maine Yankee Atomic Power Co. 84/04/02.
MURLEY, T.E. Region 1, Office of Director. 5pp. 27612:232. 24X
Fiche: 50-309, 84/11/15, 8411260422.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411270293 Responds to IE Bulletin 84-03 re cavity seal rings. Gross failure of seal ring not credible event. Seal ring plate conservatively loaded under all possible events & gaskets are both passive & redundant.
RANDAZZA, J.B. Maine Yankee Atomic Power Co. 84/11/20. MURLEY, T.E. Region 1, Office of Director. 2pp. 27635:165. 24X
Fiche: 50-309, 84/11/20, 8411270293.

R. Periodic operating reports & related correspondence

841140441 Monthly operating rept for Sept 1984. W/841015 ltr.
LEE, V.Y., WHITTIER, G.D. Maine Yankee Atomic Power Co. 84/09/30.
HARTFIELD, R.A. Management Information Branch. 5pp. 27530:063. 24X
Fiche: 50-309, 84/09/30, 841140441.

S. Reportable occurrences, LERs & related correspondence

8411070234 Forwards AEOD Engineering Evaluation Rept AEOD/E426, "Single Failure Vulnerability of PORV Actuation Circuitry for Low Temp Overpressure Protection." Concerns should be considered in prioritization as generic issue.
HELTENES, C.J. Director's Office. 84/10/29. DENTON, H. Office of Nuclear Reactor Regulation, Director. 2pp. 27388:249. 24X
Fiche: 50-309, 84/10/29, 8411070234.

—8411070238 Forwards AEOD Engineering Evaluation Rept AEOD/E426, "Single Failure Vulnerability of PORV Actuation Circuitry for Low Temp Overpressure Protection."
IMBRO, E.V. Reactor Operations Analysis Branch. 84/10/24.
SEYFRIT, K.V. Reactor Operations Analysis Branch. 1p. 27388:251. 24X
Fiche: 50-309, 84/10/29, 8411070234.

—8411070245 AEOD Engineering Evaluation Rept AEOD/E426, "Single Failure Vulnerability of PORV Actuation Circuitry for Low Temp Overpressure Protection."
IMBRO, E.V. Director's Office. 84/10/24. 18pp. 27388:252. 24X
Fiche: 50-309, 84/10/29, 8411070234.

8411090144 PND-I-84-092: on 841106 turbine governor (control) valves opened further than expected for power level. Turbine valve testing revealed apparent blockage in one of four steam lines feeding main turbine. Plant shutdown initiated.
LUPTAK, A. Region 1, Office of Director. 84/11/06. 1p. 27398:216. 24X
Fiche: 50-309, 84/11/06, 8411090144.

8411190324 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27349:242. 24X
Fiche: 50-000, 84/11/06, 8411190324.

8411210362 LER 84-013-00: on 841011, discovered unsealed penetration between control & computer rooms. Caused by penetration being overlooked during previous evaluation & sealing process. Penetration sealed. W/841113 ltr.
MCGRATH, R., WHITTIER, G.D. Maine Yankee Atomic Power Co. 84/11/13. 3pp. 27607:333. 24X Fiche: 50-309, 84/11/13, 8411210362.

DOCKET 50-311 SALEM NUCLEAR GENERATING STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411070138 Forwards Insp Repts 50-272/84-32 & 50-311/84-32 on 840814-0924 & notice of violation.
KISTER, H.B. Division of Project & Resident Programs. 84/10/11.
UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27395:169. 24X Fiche: 50-272, 84/10/11, 8411070138.

—8411070142 Notice of violation from insp on 840814-0924.
* Region 1, Office of Director. 84/10/11. 2pp. 27395:171. 24X
Fiche: 50-272, 84/10/11, 8411070138.

—8411070147 Insp Repts 50-272/84-32 & 50-311/84-32 on 840814-0924. Violations noted: failure to follow radiation protection procedures for posting high radiation areas.
LINVILLE, J.C., NORRHOLM, L.J. Region 1, Office of Director. 84/10/09. 11pp. 27395:173. 24X Fiche: 50-272, 84/10/11, 8411070138.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecky at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411270399 Confirms commitment made at 841018 meeting re license amend request concerning control room emergency ventilation sys testing. Procedures will be modified to provide instructions & criteria for protecting personnel.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/11/21. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27628:236. 24X Fiche: 50-272, 84/11/21, 8411270399.

J. Insurance & indemnity information

8411260223 Remits payment of indemnity fee for 841115-851114.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/11/16. MILLER, W.D. Division of Accounting & Finance. 1p. 27616:011. 24X Fiche: 50-272, 84/11/16, 8411260223.

P. Operating license stage documents & correspondence

8411090007 Forwards Amends 57 & 26 to Licenses DPR-70 & DPR-75, respectively & safety evaluation. Amends change Tech Specs to delineate operating restrictions when one MSIV solenoid vent valve isolated.
FISCHER, D. Operating Reactors Branch 1. 84/10/15. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 4pp. 27423:342. 24X Fiche: 50-272, 84/10/15, 8411090007.

—8411090010 Amends 57 & 26 to Licenses DPR-70 & DPR-75, respectively, changing Tech Specs to delineate operating restrictions when one MSIV solenoid vent valve isolated.
VARGA, S.A. Operating Reactors Branch 1. 84/10/15. 12pp. 27423:346. 24X Fiche: 50-272, 84/10/15, 8411090007.

—8411090047 Safety evaluation supporting Amends 57 & 26 to Licenses DPR-70 & DPR-75, respectively.
JENSEN, W. Office of Nuclear Reactor Regulation, Director. 84/10/15. 2pp. 27423:358. 24X Fiche: 50-272, 84/10/15, 8411090007.

8411210019 Application for amends to Licenses DPR-70 & DPR-75, revising Tech Spec Section 3.4.1.2 re reactor coolant loops in operation while in Mode 3. Fee paid.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/10/15. VARGA, S.A. Operating Reactors Branch 1. 5pp. 27594:229. 24X Fiche: 50-272, 84/10/15, 8411210019.

—8411210024 Proposed Tech Specs revising Section 3.4.1.2 re reactor coolant loops in operation while in Mode 3.
* Public Service Electric & Gas Co. of New Jersey. 84/10/15. 4pp. 27594:234. 24X Fiche: 50-272, 84/10/15, 8411210019.

8411210171 Application for amend to License DPR-75, revising Tech Specs Section 3.1.2.1, "Reactivity Control Sys," to correct typo. Fee paid.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/10/15. VARGA, S.A. Operating Reactors Branch 1. 4pp. 27591:037. 24X Fiche: 50-311, 84/10/15, 8411210171.

- 8411210182 Proposed Tech Specs Section 3.1.2.1, "Reactivity Control Sys." correcting typo.
* Public Service Electric & Gas Co. of New Jersey. 84/10/15. 2pp. 27591:041. 24X Fiche:50-311,84/10/15,8411210171.
- 8411210215 Application for amends to Licenses DPR-70 & DPR-75, revising Tech Specs re RCS safety valves while shut down. Fee paid.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/10/15. VARQA, S.A. Operating Reactors Branch 1. 5pp. 27591:029. 24X Fiche:50-272,84/10/15,8411210215.
- 8411210227 Proposed Tech Specs re RCS safety valves while shutdown, eliminating requirements that pressurizer code safety valve be operable in Modes 4 & 5.
* Public Service Electric & Gas Co. of New Jersey. 84/10/15. 3pp. 27591:034. 24X Fiche:50-272,84/10/15,8411210215.
- 8411210234 Application for amend to License DPR-75, revising Tech Specs to update RCS pressure/temp limits. Changes reflect results of reactor vessel matl irradiation specimen exam. Fee paid.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/10/15. VARQA, S.A. Operating Reactors Branch 1. 4pp. 27591:330. 24X Fiche:50-311,84/10/15,8411210234.
- 8411210241 Proposed Tech Specs updating RCS pressure/temp limits. Changes reflect results of reactor vessel matl analysis indicating transition temp for plate & weld matl shifted more than predicted.
* Public Service Electric & Gas Co. of New Jersey. 84/10/15. 3pp. 27591:334. 24X Fiche:50-311,84/10/15,8411210234.
- 8411210240 Application for amend to License DPR-75, revising sodium hydroxide flow rate from spray additive tank through Sample Valve 2CS61. Change provides higher assurance that sodium hydroxide addition to containment will occur. Fee paid.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/10/15. VARQA, S.A. Operating Reactors Branch 1. 5pp. 27590:058. 24X Fiche:50-311,84/10/15,8411210240.
- 8411210249 Proposed Tech Specs, changing sodium hydroxide flow requirement to increase reliability of containment sys spray additive sys.
* Public Service Electric & Gas Co. of New Jersey. 84/10/15. 1p. 27590:063. 24X Fiche:50-311,84/10/15,8411210240.
- 8411090151 Forwards Amends 58 & 27 to Licenses DPR-70 & DPR-75, respectively & safety evaluation. Amends change Tech Specs re RCS water inventory balance performance.
FISCHER, D. Operating Reactors Branch 1. 84/10/17. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 4pp. 27424:183. 24X Fiche:50-272,84/10/17,8411090151.
- 8411090157 Amends 58 & 27 to Licenses DPR-70 & DPR-75, respectively, changing Tech Specs re RCS water inventory balance performance.
VARQA, S.A. Operating Reactors Branch 1. 84/10/17. 8pp. 27424:187. 24X Fiche:50-272,84/10/17,8411090151.
- 8411090164 Safety evaluation supporting Amends 58 & 27 to Licenses DPR-70 & DPR-75, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/17. 2pp. 27424:195. 24X Fiche:50-272,84/10/17,8411090151.
- 8411090050 Forwards safety evaluation of implementation of inadequate core cooling instrumentation (ICCI) sys. Proposed final ICCI complies w/NUREG-0737, Item II.F.2 requirements & will be acceptable upon completion of upgrading of existing ICCI.
VARQA, S.A. Operating Reactors Branch 1. 84/10/24. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 4pp. 27423:265. 24X Fiche:50-272,84/10/24,8411090050.
- 8411090052 Safety evaluation accepting implementation of inadequate core cooling instrumentation sys.
* NRC - No Detailed Affiliation Given. 84/10/24. 8pp. 27423:269. 24X Fiche:50-272,84/10/24,8411090050.
- 8411050319 Application to amend Licenses DPR-70 & DPR-75, revising Tech Specs to update nuclear dept organization & clarifying shift composition requirements of nuclear safety review committee.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/10/26. VARQA, S.A. Operating Reactors Branch 1. 3pp. 27301:259. 24X Fiche:50-272,84/10/26,8411050319.
- 8411050326 Proposed Tech Specs updating nuclear dept organization, station operations review committee membership & quorum requirements, technical review & control & nuclear safety review.
* Public Service Electric & Gas Co. of New Jersey. 84/10/26. 39pp. 27301:262. 24X Fiche:50-272,84/10/26,8411050319.
- 841120187 Confirms bimonthly mgt meeting scheduled for 841116 at site to discuss plan to improve nuclear dept operations. Util should address assessment of action plan & possible mods to plan.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/26. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27437:014. 24X Fiche:50-272,84/10/26,841120187.
- 841150145 Forwards SER re valve operability demonstration info for 10-inch vacuum relief isolation valves, based on review of 791108, 21,810731,820218 & 830607 submittals. License change request should be submitted within 45 days. W/o encl.
VARQA, S.A. Operating Reactors Branch 1. 84/10/30. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 1p. 27530:361. 24X Fiche:50-272,84/10/30,841150145.
- 841120333 Informs of decision to refuel reactor during current outage due to generator failure. Cycle 3 operation to begin 850401. Expedited review of 841015 amend application requested, to facilitate scheduled return to power operation.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/11/02. VARQA, S.A. Operating Reactors Branch 1. 2pp. 27427:027. 24X Fiche:50-311,84/11/02,841120333.
- 8411210030 Application for amends to Licenses DPR-70 & DPR-75, revising ETS Sections 1.0-5.7.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/11/06. VARQA, S.A. Operating Reactors Branch 1. 2pp. 27593:019. 24X Fiche:50-272,84/11/06,8411210030.
- 8411210033 Proposed ETS Sections 1.0-5.7.
* Public Service Electric & Gas Co. of New Jersey. 84/11/06. 48pp. 27593:021. 24X Fiche:50-272,84/11/06,8411210030.
- 8411210115 Corrected application for amends to Licenses DPR-70 & DPR-75, correcting omission in 841026 amend request. Correction adds two member/vice chairman & three audit functions inadvertently omitted from Tech Specs.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/11/06. VARQA, S.A. Operating Reactors Branch 1. 2pp. 27593:007. 24X Fiche:50-272,84/11/06,8411210115.
- 8411210116 Proposed Tech Specs re administrative controls, adding two member/vice chairman & three audit functions.
* Public Service Electric & Gas Co. of New Jersey. 84/11/06. 10pp. 27593:009. 24X Fiche:50-272,84/11/06,8411210115.
- 841140247 Provides environ qualification justifications for continued operations assuming loss of neutron flux monitors & component cooling water temp to ESF sys, per 841025 commitment.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey.
84/11/09. VARQA, S.A. Operating Reactors Branch 1. 3pp. 27469:028. 24X Fiche:50-272,84/11/09,841140247.
- G. Inspection reports, IE Bulletins & correspondence
- 8411070138 Forwards Insp Repts 50-272/84-32 & 50-311/84-32 on 840814-0924 & notice of violation.
KISTER, H.B. Division of Project & Resident Programs. 84/10/11. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27395:169. 24X Fiche:50-272,84/10/11,8411070138.
- 8411070142 Notice of Violation from insp on 840814-0924.
* Region 1, Office of Director. 84/10/11. 2pp. 27395:171. 24X Fiche:50-272,84/10/11,8411070138.
- 8411070147 Insp Repts 50-272/84-32 & 50-311/84-32 on 840814-0924. Violations noted: failure to follow radiation protection procedures for posting high radiation areas.
LINVILLE, J.C., SUMMERS, R.J., SMITH, G.C. Region 1, Office of Director. 84/10/09. 11pp. 27393:173. 24X Fiche:50-272,84/10/11,8411070138.
- 841120049 Notification of significant Licensee Meeting 84-99 on 841115 w/Util in Hancocks Bridge, NJ to discuss results of SALP.
LIMROTH, D.F. Region 1, Office of Director. 84/10/16. Region 1, Office of Director. 1p. 27440:342. 24X Fiche:50-272,84/10/16,841120049.
- 841160066 Forwards Insp Repts 50-272/84-34 & 50-311/84-34 on 840917-21 & notice of violation.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/22. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27544:280. 24X Fiche:50-272,84/10/22,841160066.
- 841160073 Notice of Violation from insp on 840917-21.
* Region 1, Office of Director. 84/10/22. 2pp. 27544:282. 24X Fiche:50-272,84/10/22,841160066.

DOCKETED ITEMS

--8411160080 Insp Repts 50-272/84-34 & 50-311/84-34 on 840917-21. Violation noted: failure to follow procedure re field changes to ventilation sys test procedures & failure to follow training program procedures for chemistry technician. STRUCKMEYER, R. Division of Engineering & Technical Programs. SHANBAKY, M.M. Region 1, Office of Director. 84/10/18. 7pp. 27544:284. 24X Fiche: 50-272, 84/10/22, 8411160080.

8411020131 Ack receipt of 840831 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-272/84-10 & 50-311/84-10. MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/25. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27257:091. 24X Fiche: 50-272, 84/10/25, 8411020131.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411060374 Remits payment of insp fees for period ending 840619. LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/10/30. MILLER, W.O. License Fee Management Branch. 1p. 27321:132. 24X Fiche: 50-272, 84/10/30, 8411060374.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411080049 Forwards SALP Repts 50-272/84-37 & 50-311/84-36 for Oct 1983 - Aug 1984. Meeting to discuss assessment scheduled for 841115. STAROSTECKI, R. Division of Project & Resident Programs. 84/11/05. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27392:112. 24X Fiche: 50-272, 84/11/05, 8411080049.

--8411080052 SALP Repts 50-272/84-37 & 50-311/84-36 for Oct 1983 - Aug 1984. * Region 1, Office of Director. 84/10/15. 46pp. 27392:114. 24X Fiche: 50-272, 84/11/05, 8411080049.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411200274 Forwards Insp Repts 50-272/84-36 & 50-311/84-35 on 840925-1026. Enforcement conference will be scheduled to discuss use of unqualified valve to meet containment isolation valve operability requirements. STAROSTECKI, R. Division of Project & Resident Programs. 84/11/15. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27571:061. 24X Fiche: 50-272, 84/11/15, 8411200274.

--8411200286 Insp Repts 50-272/84-36 & 50-311/84-35 on 840925-1026. Violation noted: failure to comply w/Tech Spec requirements for containment isolation valves. LINVILLE, J.C., SUMMERS, R.J., NORRHOLM, L.J. Region 1, Office of Director. 84/11/09. 16pp. 27571:063. 24X Fiche: 50-272, 84/11/15, 8411200274.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 46pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411270107 Forwards Insp Repts 50-272/84-38 & 50-311/84-37 on 841015-19. No violations noted. MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/20. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27629:322. 24X Fiche: 50-272, 84/11/20, 8411270107.

--8411270113 Insp Repts 50-272/84-38 & 50-311/84-37 on 841015-19. No violation noted. Major areas inspected: nonlicensed training program, maint, instrumentation & control, nonlicensed operators & shift technical advisors. PRELL, J., ALBA, A., SPRAUL, J. Region 1, Office of Director. 84/11/14. 9pp. 27629:324. 24X Fiche: 50-272, 84/11/20, 8411270107.

8411290119 Ack receipt of 840920 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-272/84-05 & 50-311/84-05. Actions will be examined during future insp. MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/20. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27678:295. 24X Fiche: 50-272, 84/11/20, 8411290119.

R. Periodic operating reports & related correspondence

8411120094 Forwards NPDES discharge monitoring repts for Sept 1984. On 840918, State of NJ Dept of Environ Protection informed that approx 10,000 gallons of liquid discharged through yard drain. Discharge caused by temporary hose failure. RONAFALVY, J.P. Public Service Electric & Gas Co. of New Jersey. 84/10/17. RADDW, E. New Jersey, State of. 3pp. 27437:216. 24X Fiche: 50-272, 84/10/17, 8411120094.

--8411120098 NPDES discharge monitoring repts for Sept 1984. RONAFALVY, J.P. Public Service Electric & Gas Co. of New Jersey. 84/09/30. 18pp. 27437:219. 24X Fiche: 50-272, 84/10/17, 8411120094.

8411120326 Monthly operating rept for Oct 1984. W/841110 ltr. RONAFALVY, J.P., ZUPKO, J.M. Public Service Electric & Gas Co. of New Jersey. 84/10/31. 12pp. 27617:086. 24X Fiche: 50-311, 84/10/31, 8411120326.

8411280175 Forwards response to Oct 1984 quarterly rept of Nuclear Oversight Committee. Util enhanced activities aimed at identifying & resolving problems & evaluating root causes of trips & unplanned outages. LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 84/11/21. VARGA, S.A. Operating Reactors Branch 1. 7pp. 27665:353. 24X Fiche: 50-272, 84/11/21, 8411280175.

S. Reportable occurrences, LERs & related correspondence

8411120029 Notification of Significant Licensee Meeting 89-100 on 841116 w/util in Hancocks Bridge, NJ to discuss ATWS event corrective action program. LIMROTH, D.F. Region 1, Office of Director. 84/10/22. Region 1, Office of Director. 1p. 27440:353. 24X Fiche: 50-272, 84/10/22, 8411120029.

8411130594 LER 84-024-00: on 841004, reactor tripped due to turbine generator trip on differential relay protection. Caused by phase-to-ground fault on stator coils B-40 & B-41. Generator replaced. Investigation continuing. RUPP, J.L., ZUPKO, J.M. Public Service Electric & Gas Co. of New Jersey. 84/11/02. 4pp. 27461:305. 24X Fiche: 50-311, 84/11/02, 8411130594.

V. Operator Examinations

8411270107 Forwards Insp Repts 50-272/84-38 & 50-311/84-37 on 841015-19. No violations noted. MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/20. UDERITZ, R.A. Public Service Electric & Gas Co. of New Jersey. 2pp. 27629:322. 24X Fiche: 50-272, 84/11/20, 8411270107.

--8411270113 Insp Repts 50-272/84-38 & 50-311/84-37 on 841015-19. No violation noted. Major areas inspected: nonlicensed training program, maint, instrumentation & control, nonlicensed operators & shift technical advisors. PRELL, J. Region 1, Office of Director. 84/11/14. 9pp. 27629:324. 24X Fiche: 50-272, 84/11/20, 8411270107.

DOCKET 50-312 RANCHO SECO NUCLEAR GENERATING STATION

F. Security, medical, emergency & fire protection plans

8411060410 Requests 10-day extension for response to violations noted in Insp Rept 50-312/84-22. Safety analysis & rev to fire hazards analysis rept being prepared to provide makeup lube oil in diesel generator room. RODRIQUEZ, R.J. Sacramento Municipal Utility District. 84/10/30. MARTIN, J.B. Region 5, Office of Director. 1p. 27320:238. 24X Fiche: 50-312, 84/10/30, 8411060410.

DOCKETED ITEMS

121

B411260338 Forwards response to Insp Rept 50-312/B4-22 on B40904-07 re fire protection. Corrective actions: proper senior control room operator documentation received & metal lockers installed.
RODRIGUEZ, R. J. Sacramento Municipal Utility District. B4/11/14.
MARTIN, J. B. Region 5, Office of Director. 4pp. 27608:109. 24X
Fiche: 50-312, B4/11/14, B411260338.

B411200319 Forwards proposed Tech Specs 3.7 & 4.6 re auxiliary electrical sys & emergency power sys periodic testing, in response to B40712 request for addl info & in support of revised Amend 83, Suppl 1 to License DPR-54.
MELLOR, K. J. Sacramento Municipal Utility District. B4/11/15.
RIVENBARK, G. W. Operating Reactors Branch 4. 4pp. 27576:137. 24X
Fiche: 50-312, B4/11/15, B411200319.

--B411200325 Proposed Tech Specs 3.7 & 4.6 re auxiliary electrical sys & emergency power sys periodic testing respectively.
* Sacramento Municipal Utility District. B4/11/15. 9pp.
27576:141. 24X Fiche: 50-312, B4/11/15, B411200319.

B411270090 Forwards FEMA rept re deficiencies in B40912 offsite emergency preparedness exercise. Continuance of emergency planning efforts to ensure resolution of deficiency matters requested.
SCARANO, R. A. Division of Radiological Safety & Safeguards Program. B4/11/23. RODRIGUEZ, R. J. Sacramento Municipal Utility District. 1p. 27629:264. 24X Fiche: 50-312, B4/11/23, B411270090.

P. Operating license stage documents & correspondence

B411260104 Discusses IE review of RCS leak rate testing, to resolve recent questions re focus of review. IE investigating actual leak rate during 1978 & techniques used to calculate unidentified leakage.
BAER, R. L. Emergency Preparedness Branch. B4/03/06. CHRISTOPHER, R. Office of Investigation. 2pp. 27653:085. 24X Fiche: 50-000, B4/03/06, B411260104.

B411020225 Application for Proposed Amend 114 to License DPR-54, revising Tech Specs by incorporating testing of shunt trip device. Device will be installed & effective by Cycle 7 startup. Fee paid.
RODRIGUEZ, R. J. Sacramento Municipal Utility District. B4/10/19.
EISENHUT, D. G. Division of Licensing. 3pp. 27255:260. 24X
Fiche: 50-312, B4/10/19, B411020225.

--B411020229 Proposed Tech Spec changes, including Proposed Amend 114 re incorporation of testing of shunt trip device.
* Sacramento Municipal Utility District. B4/10/19. 1p.
27255:263. 24X Fiche: 50-312, B4/10/19, B411020225.

B411060146 Forwards monthly status rept on plant-specific backfits through Aug 1984. Proposed mods to interim procedures, reflecting more accurate appeal process, being developed.
EISENHUT, D. G. Division of Licensing. B4/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 9pp. 27383:248. 24X
Fiche: 50-000, B4/10/26, B411060146.

B411060137 Application for Amend 113 to License DPR-54, changing emergency power sys periodic testing surveillance stds re pressurizer heater operability. Fee paid.
RODRIGUEZ, R. J. Sacramento Municipal Utility District. B4/10/29.
EISENHUT, D. G. Division of Licensing. 3pp. 27322:266. 24X
Fiche: 50-312, B4/10/29, B411060137.

--B411060144 Proposed Tech Spec, changing surveillance stds for pressurizer heater operability.
* Sacramento Municipal Utility District. B4/10/29. 1p.
27322:269. 24X Fiche: 50-312, B4/10/29, B411060137.

B411080409 Requests training lessons & procedures for human factors research project re responses to seismic events which require operator actions. Info will be used for research purposes only.
STOLZ, J. F. Operating Reactors Branch 4. B4/10/29. RODRIGUEZ, R. J. Sacramento Municipal Utility District. 2pp. 27405:262. 24X
Fiche: 50-312, B4/10/29, B411080409.

B411060293 Submits schedule for completion of liquid effluent environ study, per B41016 commitment. Land use rept, sampling rept & final rept will be submitted on B41130, B50101 & 0401, respectively.
RODRIGUEZ, R. J. Sacramento Municipal Utility District. B4/10/30.
MARTIN, J. B. Region 5, Office of Director. 2pp. 27323:325. 24X
Fiche: 50-312, B4/10/30, B411060293.

B41120105 Forwards Amend 57 to License DPR-54 & safety evaluation. Amend revises allowable leakage limit for components of DHR sys & includes test requirement for determining leakage from reactor bldg spray sys.
MINER, S. Operating Reactors Branch 4. B4/10/30. RODRIGUEZ, R. J. Sacramento Municipal Utility District. 2pp. 27457:169. 24X
Fiche: 50-312, B4/10/30, B41120105.

--B41120111 Amend 57 to License DPR-54, revising Tech Specs re allowable leakage limit for components of DHR sys & test requirements for determining leakage from reactor bldg spray sys.
STOLZ, J. F. Operating Reactors Branch 4. B4/10/30. 7pp.
27457:171. 24X Fiche: 50-312, B4/10/30, B41120105.

--B41120120 Safety evaluation supporting Amend 57 to License DPR-54.
* Office of Nuclear Reactor Regulation, Director. B4/10/30. 4pp.
27457:179. 24X Fiche: 50-312, B4/10/30, B41120105.

B41120264 Application for Rev 1 to proposed Amend 101 to License DPR-54, incorporating two addl items to satisfy definition of operable, in response to Commission B41005 ltr. NSHC evaluation encl.
RODRIGUEZ, R. J. Sacramento Municipal Utility District. B4/10/30.
EISENHUT, D. G. Division of Licensing. 4pp. 27430:006. 24X
Fiche: 50-312, B4/10/30, B41120264.

--B41120271 Proposed Tech Spec, revising definition of operable & specifying time allocated to cold shutdown when required safety function not maintained due to equipment failure or maint outage.
* Sacramento Municipal Utility District. B4/10/30. 4pp.
27430:010. 24X Fiche: 50-312, B4/10/30, B41120264.

B411050420 Forwards Rev 1 to living schedule per B40831 & 0925 commitments. Revising living schedule completes info necessary for review & approval of license amend request.
RODRIGUEZ, R. J. Sacramento Municipal Utility District. B4/10/31.
EISENHUT, D. G. Division of Licensing. 7pp. 27297:151. 24X
Fiche: 50-312, B4/10/31, B411050420.

B411260608 Forwards Amend 58 to License DPR-54 & safety evaluation. Amend changes Tech Specs to revise reactor bldg post-tensioning tendon surveillance requirements.
MINER, S. Operating Reactors Branch 4. B4/11/06. RODRIGUEZ, R. J. Sacramento Municipal Utility District. 2pp. 27646:312. 24X
Fiche: 50-312, B4/11/06, B411260608.

--B411260609 Amend 58 to License DPR-54, changing Tech Specs to revise reactor bldg post-tensioning tendon surveillance requirements.
STOLZ, J. F. Operating Reactors Branch 4. B4/11/06. 4pp.
27646:314. 24X Fiche: 50-312, B4/11/06, B411260608.

--B411260610 Safety evaluation supporting Amend 58 to License DPR-54.
* Office of Nuclear Reactor Regulation, Director. B4/11/06. 5pp.
27646:318. 24X Fiche: 50-312, B4/11/06, B411260608.

B41140358 Forwards safety evaluation supporting amend to License DPR-54 re auxiliary feedwater sys autostart instrumentation surveillance, draft ltr to licensee, draft license amend, revised Tech Spec pages & page replacement instructions.
KIRSCH, D. F. Region 5, Office of Director. B4/11/08. EISENHUT, D. G. Division of Licensing. 6pp. 27467:204. 24X Fiche: 50-312, B4/11/08, B41140358.

--B41140360 Safety evaluation supporting amend to License DPR-54 re auxiliary feedwater sys autostart instrumentation surveillance.
* Region 5, Office of Director. B4/11/08. 5pp. 27467:210. 24X
Fiche: 50-312, B4/11/08, B41140358.

B41140380 Application for Amend 120 to License DPR-54, revising Tech Specs to insert new temporary definition for refueling interval as 24.5 months & clarifying degradation of reactor vessel internals vent valves.
RODRIGUEZ, R. J. Sacramento Municipal Utility District. B4/11/08.
EISENHUT, D. G. Division of Licensing. 3pp. 27467:162. 24X
Fiche: 50-312, B4/11/08, B41140380.

--B41140383 Proposed Tech Specs inserting new temporary definition for refueling interval as 24.5 months.
* Sacramento Municipal Utility District. B4/11/08. 2pp.
27467:165. 24X Fiche: 50-312, B4/11/08, B41140380.

B411200081 Confirmation of action ltr re schedule to complete & rept results of liquid effluent environ study, per B41108 telcon & B41030 ltr. Schedule acceptable.
MARTIN, J. B. Region 5, Office of Director. B4/11/08. RODRIGUEZ, R. J. Sacramento Municipal Utility District. 1p. 27583:145. 24X
Fiche: 50-312, B4/11/08, B411200081.

DOCKETED ITEMS

841160230 Submits addl info requested in 840829 ltr re NUREG-0737, Items III.K.2.16 & II.K.3.25. Mods made to improve integrity of reactor coolant pump seal by providing seal injection to reactor coolant pumps during safety features actuation. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/11/13. EISENHUT, D.G. Division of Licensing. 3pp. 27533:292. 24X Fiche: 50-312, 84/11/13, 841160230.

841190133 Forwards "Primary Sys Activity Level Investigation," based on util presentation to NRC during 840920 meeting. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/11/14. STOLZ, J.F. Operating Reactors Branch 4. 1p. 27555:227. 24X Fiche: 50-312, 84/11/14, 841190133.

--841190137 "Primary Sys Activity Level Investigation."
* Sacramento Municipal Utility District. 84/11/14. 52pp. 27555:228. 24X Fiche: 50-312, 84/11/14, 841190133.

8411200319 Forwards proposed Tech Specs 3.7 & 4.6 re auxiliary electrical sys & emergency power sys periodic testing in response to 840712 request for addl info & in support of revised Amend 83, Suppl 1 to License DPR-54. MELLOR, K.J. Sacramento Municipal Utility District. 84/11/15. RIVENBARK, G.W. Operating Reactors Branch 4. 4pp. 27576:137. 24X Fiche: 50-312, 84/11/15, 8411200319.

--8411200325 Proposed Tech Specs 3.7 & 4.6 re auxiliary electrical sys & emergency power sys periodic testing respectively.
* Sacramento Municipal Utility District. 84/11/15. 99pp. 27576:141. 24X Fiche: 50-312, 84/11/15, 8411200319.

8411260334 Submits implementation schedule for INPO/NUTAC vendor interface program, per Generic Ltr 83-28, Item 2.2.2. Changes to existing programs will be completed by 850701 & enhancements to NFRDS & SEE-IN programs by 860701. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/11/19. STOLZ, J.F. Operating Reactors Branch 4. 1p. 27612:362. 24X Fiche: 50-312, 84/11/19, 8411260334.

8411290667 Requests addl fee to review 840531 application re proposed Amend 106 to License DPR-54 re living schedule plan. DIGGS, R. License Fee Management Branch. 84/11/21. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 1p. 27700:251. 24X Fiche: 50-312, 84/11/21, 8411290667.

G. Inspection reports, IE Bulletins & correspondence

8411030355 Forwards Insp Rept 50-312/84-19 on 840721-0829 & notice of violation. BISHOP, T.W. Region 5, Office of Director. 84/10/16. RODRIGUEZ, R. Sacramento Municipal Utility District. 1p. 27308:194. 24X Fiche: 50-312, 84/10/16, 8411030355.

--8411030363 Notice of violation from insp on 840721-0829. MILLER, L.F. Region 5, Office of Director. 84/10/16. 2pp. 27308:195. 24X Fiche: 50-312, 84/10/16, 8411030355.

--8411030375 Insp Rept 50-312/84-19 on 840721-0829. Noncompliance noted: pressurizer code safety valve PSV-21507 not thermally stabilized when tested & plastic oil containers observed near expended fuel pool & spare transformer. ECKHART, J.H., PEREZ, G.P., KELLUND, G. Region 5, Office of Director. 84/10/10. 15pp. 27308:197. 24X Fiche: 50-312, 84/10/16, 8411030355.

8411090358 Forwards Enforcement Conference Rept 50-312/84-25 on 840928 based on 840723-27, 0731-0803 & 0815-17 insps & notice of violation. Civil penalty not imposed due to util corrective actions. MARTIN, J.B. Region 5, Office of Director. 84/10/22. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 2pp. 27416:303. 24X Fiche: 50-312, 84/10/22, 8411090358.

--8411090360 Notice of violation from insp on 840723-27, 0731-0803 & 15-17 & 840822 telcon.
* Region 5, Office of Director. 84/10/22. 4pp. 27416:305. 24X Fiche: 50-312, 84/10/22, 8411090358.

--8411090365 Enforcement Conference Rept 50-312/84-25 on 840928. Violations noted: surveys failed to identify full extent of radiation hazards from piece of foreign metal located in work area. YUHAS, G.P., WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/19. 5pp. 27416:309. 24X Fiche: 50-312, 84/10/22, 8411090358.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411060410 Requests 10-day extension for response to violations noted in Insp Rept 50-312/84-22. Safety analysis & rev to fire hazards analysis rept being prepared to provide makeup lube oil in diesel generator room. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/10/30. MARTIN, J.B. Region 5, Office of Director. 1p. 27320:238. 24X Fiche: 50-312, 84/10/30, 8411060410.

8411200043 Forwards Insp Rept 50-312/84-14 on 840626-0921 & notice of violation. KIRSCH, D.F. Region 5, Office of Director. 84/10/30. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 2pp. 27585:157. 24X Fiche: 50-312, 84/10/30, 8411200043.

--8411200046 Notice of violation from insp on 840626-0921. MILLER, L. Region 5, Office of Director. 84/10/30. 2pp. 27585:159. 24X Fiche: 50-312, 84/10/30, 8411200043.

--8411200051 Insp Rept 50-312/84-14 on 840626-0921. Violations noted: unapproved change in requalification training program & bare wire filler matl not checked into tool room at end of shift. MYERS, C.J., MILLER, L. Region 5, Office of Director. 84/10/30. 11pp. 27585:161. 24X Fiche: 50-312, 84/10/30, 8411200043.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411260338 Forwards response to Insp Rept 50-312/84-22 on 840904-07 re fire protection. Corrective actions: proper senior control room operator documentation received & metal lockers installed. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/11/14. MARTIN, J.B. Region 5, Office of Director. 4pp. 27608:109. 24X Fiche: 50-312, 84/11/14, 8411260338.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

8411290360 Monthly operating rept for Oct 1984. W/841109 ltr. COLOMBO, R., RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/10/31. 6pp. 27677:078. 24X Fiche: 50-312, 84/10/31, 8411290360.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

DOCKETED ITEMS

123

8411060299 Special Rept 84-09: on 840930, RCS temp & pressure rose due to failure of Valan check valves to seat properly. Insp of valves revealed nut, washer & cotter pin missing. Valves reground & tested satisfactorily. Noise test revised. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/10/24. MARTIN, J.B. Region 5, Office of Director. 3pp. 27351:284. 24X Fiche: 50-312, 84/10/24, 8411060299.

8411060201 Special Rept 84-10: on 840420 & 0731, stainless steel sensing line blew out of Swagelok fitting & leak noticed on steam generator level transmitter sensing line fitting, respectively. Insp begun to locate & repair fittings. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/10/26. MARTIN, J.B. Region 5, Office of Director. 4pp. 27324:022. 24X Fiche: 50-312, 84/10/26, 8411060201.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review." RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 8411140052.

8411140025 Notification of 841120 meeting w/ util in Bethesda, MD to discuss steam generator tube failures. MINER, S. Operating Reactors Branch 4. 84/11/02. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27509:341. 24X Fiche: 50-312, 84/11/02, 8411140025.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec, figures of failed crankshaft & summary of tensile tests encl. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/ grid sys. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

8411140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines." RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 8411140344.

8411190556 Special Rept 84-11: on 840907, reactor shut down due to high iodine concentration in primary sys & small tube leak in once-through steam generator B. Caused by opened demineralizer bypass valve. Valve added to locked valve list. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/11/06. MARTIN, J.B. Region 5, Office of Director. 2pp. 27549:279. 24X Fiche: 50-312, 84/11/06, 8411190556.

8411200314 Special Rept 84-12: on 840918, runoff water sample taken at site boundary exceeded Tech Spec limits. Caused by sample being taken coincident w/ release from retention basins. Sampling will be scheduled to minimize future occurrences. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/11/06. MARTIN, J.B. Region 4, Office of Director. 1p. 27571:319. 24X Fiche: 50-312, 84/11/06, 8411200314.

8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/ modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 8411150011.

8411210352 Informs of review of actions taken re calculated doses in excess of 10CFR20.405(c) & 40CFR190. Initially reported in 840927 Special Rept 84-07. Variance in accordance w/ 49CFR190.11 not needed. LAINAS, G.C. Assistant Director for Operating Reactors. 84/11/15. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 4pp. 27617:148. 24X Fiche: 50-312, 84/11/15, 8411210352.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts." RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

--8411290233 "Investigation of Types AN & AH Piston Skirts." * Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

V. Operator Examinations

8411070031 Provides status rept re staffing, training & exam of candidates for operator licenses. Senior reactor operator exams scheduled to be conducted 850121 & reactor operator exam on 850819. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 84/10/26. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27360:141. 24X Fiche: 50-312, 84/10/26, 8411070031.

8411200043 Forwards Insp Rept 50-312/84-14 on 840626-0921 & notice of violation. KIRSCH, D.F. Region 5, Office of Director. 84/10/30. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 2pp. 27585:157. 24X Fiche: 50-312, 84/10/30, 8411200043.

--8411200046 Notice of violation from insp on 840626-0921. MILLER, L. Region 5, Office of Director. 84/10/30. 2pp. 27585:159. 24X Fiche: 50-312, 84/10/30, 8411200043.

--8411200051 Insp Rept 50-312/84-14 on 840626-0921. Violations noted: unapproved change in requalification training program & bare wire filler matl not checked into tool room at end of shift. MYERS, C.J., MILLER, L. Region 5, Office of Director. 84/10/30. 11pp. 27585:161. 24X Fiche: 50-312, 84/10/30, 8411200043.

DOCKET 50-313 ARKANSAS NUCLEAR ONE, UNIT 1

F. Security, medical, emergency & fire protection plans

8411090481 Public version of revs to emergency plan implementing procedures, including 1903.61, "Communications Equipment Tests" & 1903.62, "Communication Sys Operating Procedure." W/JM Felton 841030 memo. * Arkansas Power & Light Co. 84/08/29. 748pp. 27420:001. 24X Fiche: 50-313, 84/08/29, 8411090481.

8411260347 Revised emergency plan implementing procedures, including 1903.34, "Emergency Operations Facility Evacuation" & 1903.52, "Command & Control." * Arkansas Power & Light Co. 84/08/29. 3pp. 27608:325. 24X Fiche: 50-313, 84/08/29, 8411260347.

8411140188 Rev & to Emergency Plan Implementing Procedure 1903.02. "Assignment of Plant Emergency Team/Group Members." LEVINE, J.L. Arkansas Power & Light Co. 84/11/07. 13pp. 27466:126. 24X Fiche: 50-313, 84/11/07, 8411140188.

8411150007 Forwards revised integrated implementation plan in response to Suppl 1 to NUREG-0737 (Generic Ltr 82-33). Control room design review & Reg Guide 1.97 programs discussed. ENOS, J.T. Arkansas Power & Light Co. 84/11/09. EISENHUT, D.G. Division of Licensing. 9pp. 27504:174. 24X Fiche: 50-313, 84/11/09, 8411150007.

H. General correspondence

8411070210 Informs that JT Enos designated licensing manager effective 841008, succeeding J Marshall. J Marshall promoted to project manager. GRIFFIN, J.M. Arkansas Power & Light Co. 84/10/22. STOLZ, J.F. Operating Reactors Branch 4. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27395:205. 24X Fiche: 50-313, 84/10/22, 8411070210.

P. Operating license stage documents & correspondence

8411010155 Requests 841113-15 site visit to obtain info re Unresolved Safety Issue A-45 on shutdown DHR requirements. Info requests re site visit encl. STOLZ, J.F. Operating Reactors Branch 4. 84/10/17. GRIFFIN, J.M. Arkansas Power & Light Co. 27pp. 27261:093. 24X Fiche: 50-313, 84/10/17, 8411010155.

DOCKETED ITEMS

8411020264 Forwards response to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Util will submit proposed changes to surveillance Tech Specs to reduce cold fast diesel generator starts by 850115. ENOS, J. T. Arkansas Power & Light Co. 84/10/24. EISENHUT, D. G. Division of Licensing. 8pp. 27255:226. 24X Fiche: 50-313, 84/10/24, 8411020264.

8411130739 Forwards Amends 85 & 57 to Licenses DPR-51 & NPF-6, respectively & safety evaluation. Amends revise Tech Specs to require administrative controls for shift overtime for staff who perform safety-related functions. STOLZ, J. F. Operating Reactors Branch 4. MILLER, J. R. Operating Reactors Branch 3. 84/10/29. GRIFFIN, J. M. Arkansas Power & Light Co. 2pp. 27463:305. 24X Fiche: 50-313, 84/10/29, 8411130739.

--8411130740 Amends 85 & 57 to Licenses DPR-51 & NPF-6, respectively, revising Tech Specs to require administrative controls for shift overtime for staff who perform safety-related functions. STOLZ, J. F. Operating Reactors Branch 4. MILLER, J. R. Operating Reactors Branch 3. 84/10/29. 10pp. 27463:307. 24X Fiche: 50-313, 84/10/29, 8411130739.

--8411130742 Safety evaluation supporting Amends 85 & 57 to Licenses DPR-51 & NPF-6, respectively. * Office of Nuclear Reactor Regulation, Director. 84/10/29. 2pp. 27463:317. 24X Fiche: 50-313, 84/10/29, 8411130739.

8411120451 Application for amend to License DPR-51, revising Tech Specs to delete Figure 3.5.2-4 re LOCA limited max allowable linear heat rate, per 840926 Cycle 7 reload submittal. GRIFFIN, J. M. Arkansas Power & Light Co. 84/10/31. STOLZ, J. F. Operating Reactors Branch 4. 3pp. 27458:086. 24X Fiche: 50-313, 84/10/31, 8411120451.

--8411120452 Proposed Tech Specs deleting Figure 3.5.2-4 re LOCA limited max allowable linear heat rate. * Arkansas Power & Light Co. 84/10/31. 6pp. 27458:089. 24X Fiche: 50-313, 84/10/31, 8411120451.

8411140121 Informs that B&W rept, "Once-Through Steam Generator Mechanical Sleeve Qualification," will be marked proprietary & withheld from public disclosure (ref 10CFR2.790), per 840813 request. STOLZ, J. F. Operating Reactors Branch 4. 84/11/01. GRIFFIN, J. M. Arkansas Power & Light Co. 3pp. 27509:356. 24X Fiche: 50-313, 84/11/01, 8411140121.

8411140254 Forwards corrected 840912 proposed Tech Spec changes re upgrade of emergency feedwater sys to meet requirements of NUREG-0737 Item II.E.1.2. Administrative items inadvertently omitted from previous submittal. GRIFFIN, J. M. Arkansas Power & Light Co. 84/11/08. STOLZ, J. F. Operating Reactors Branch 4. 2pp. 27468:243. 24X Fiche: 50-313, 84/11/08, 8411140254.

--8411140262 Corrected proposed Tech Spec Table 3.5.1-1 changes re upgrade of emergency feedwater sys. * Arkansas Power & Light Co. 84/11/08. 3pp. 27468:245. 24X Fiche: 50-313, 84/11/08, 8411140254.

8411140535 Forwards Amend 86 to License DPR-51 & proprietary safety evaluation. Amend revises Tech Specs re steam generator surveillance. Safety evaluation withheld (ref 10CFR2.790). STOLZ, J. F. Operating Reactors Branch 4. 84/11/08. GRIFFIN, J. M. Arkansas Power & Light Co. 2pp. 27525:262. 24X Fiche: 50-313, 84/11/08, 8411140535.

--8411140540 Amend 86 to License DPR-51 revising Tech Specs re steam generator surveillance. STOLZ, J. F. Operating Reactors Branch 4. 84/11/08. 13pp. 27525:264. 24X Fiche: 50-313, 84/11/08, 8411140535.

G. Inspection reports, IE Bulletins & correspondence

8411060356 Forwards exam rept of exams administered on 840503 & 04. HUNTER, D. Region 4, Office of Director. 84/09/13. GRIFFIN, J. M. Arkansas Power & Light Co. 1p. 27352:003. 24X Fiche: 50-313, 84/09/13, 8411060356.

--8411060361 Exam rept administered on 840503, 04 & 0628. Exam results: all three reactor operators & four of six senior reactor operator candidates passed written & oral exams. SMITH, R., CODLEY, R. A. Region 4, Office of Director. 84/09/13. 125pp. 27352:004. 24X Fiche: 50-313, 84/09/13, 8411060356.

8411010584 Forwards order imposing civil penalty in amount of \$20,000 for violations noted during insp on 831203-08. Penalty mitigated 50% based on prompt & extensive corrective actions. TAYLOR, J. M. Director's Office, Office of Inspection and Enforcement. 84/10/25. GRIFFIN, J. M. Arkansas Power & Light Co. 3pp. 27251:260. 24X Fiche: 50-313, 84/10/25, 8411010584.

--8411010588 Order imposing civil penalty in amount of \$20,000 for violations noted during insp on 831205-08. TAYLOR, J. M. Director's Office, Office of Inspection and Enforcement. 84/10/25. Arkansas Power & Light Co. 6pp. 27251:263. 24X Fiche: 50-313, 84/10/25, 8411010584.

8411020236 EN-84-046A: on 841023, notice of violation & proposed imposition of civil penalties in amount of \$20,000 to be issued. In view of licensee prompt corrective actions, violation mitigated 50%. KLINGLER, G., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/10/25. 1p. 27261:362. 24X Fiche: 50-313, 84/10/25, 8411020236.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411040254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411040254.

8411140228 Forwards fee for review of second 10-yr inservice insp program, in response to 841017 request. ENOS, J. T. Arkansas Power & Light Co. 84/11/09. DIOS, R. M. License Fee Management Branch. 1p. 27466:353. 24X Fiche: 50-313, 84/11/09, 8411140228.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411270391 Requests relief from requirements of inservice insp program re exams of reactor coolant pump casing. Formal approval of request prior to restart unnecessary, per Paragraph IWA-2400 of ASME Boiler & Pressure Vessel Code Section XI. ENOS, J. T. Arkansas Power & Light Co. 84/11/19. STOLZ, J. F. Operating Reactors Branch 4. 5pp. 27628:253. 24X Fiche: 50-313, 84/11/19, 8411270391.

8411260414 Remits payment of civil penalty in amount of \$20,000 imposed by NRC 841025 ltr. ENOS, J. T. Arkansas Power & Light Co. 84/11/20. TAYLOR, J. M. Director's Office, Office of Inspection and Enforcement. 1p. 27611:311. 24X Fiche: 50-313, 84/11/20, 8411260414.

R. Periodic operating reports & related correspondence

8411140073 Monthly operating rept for Sept 1984, W/841015 ltr. MORTON, K. L., ENOS, J. T. Arkansas Power & Light Co. 84/09/30. BASSETT, H. S. Division of Data Automation & Management Information. 6pp. 27493:291. 24X Fiche: 50-313, 84/09/30, 8411140073.

S. Reportable occurrences, LERs & related correspondence

8411130185 LER 84-005-00: on 841005, automatic reactor trip occurred due to loss of power to two reactor coolant pumps. Caused by janitor accidentally bumping handswitch on feeder breaker from unit auxiliary transformer. W/841026 ltr.
ROGERS, P., ENOS, J.T. Arkansas Power & Light Co. 84/10/26. 2pp. 27460:112. 24X Fiche: 50-313, 84/10/26, 8411130185.

8411130162 LER 82-005/03X-1: on 820227, diesel generator 2 failed to start during monthly surveillance test. Caused by turbocharger failure due to failed compressor bearing, thrust bearing & seals. Turbocharger replaced. W/841031 ltr.
ROGERS, P., ENOS, J.T. Arkansas Power & Light Co. 84/10/31. 3pp. 27460:126. 24X Fiche: 50-313, 84/10/31, 8411130162.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411280037 LER 82-008/03X-2: on 820329, reactor bldg isolation valve for reactor bldg coolers chilled water supply not completely closed during stroke test. Caused by failure of O-rings in pneumatic relay. Relay repaired & reinstalled. W/841107 ltr.
ROGERS, P., ENOS, J.T. Arkansas Power & Light Co. 84/11/07. 3pp. 27685:230. 24X Fiche: 50-313, 84/11/07, 8411280037.

V. Operator Examinations

8411060356 Forwards exam rept of exams administered on 840503 & 04.
HUNTER, D. Region 4, Office of Director. 84/09/13. GRIFFIN, J.M. Arkansas Power & Light Co. 1p. 27352:003. 24X Fiche: 50-313, 84/09/13, 8411060356.

--8411060361 Exam rept administered on 840503, 04 & 0628. Exam results: all three reactor operators & four of six senior reactor operator candidates passed written & oral exams.
SMITH, R., COOLEY, R.A. Region 4, Office of Director. 84/09/13. 125pp. 27352:004. 24X Fiche: 50-313, 84/09/13, 8411060356.

DOCKET 50-315 DONALD C. COOK NUCLEAR POWER PLANT, UNIT 1

F. Security, medical, emergency & fire protection plans

8411200322 Discusses WH Briggs 840828 memo re subpoena from grand jury for fire protection documents, notes & info. Responsible individuals within NRR contacted. Copies of files provided to R Fortuna.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/09/13. DIRCKS, W.J. Office of the Executive Director for Operations. 11pp. 27597:333. 24X Fiche: 50-315, 84/09/13, 8411200322.

--8411200331 Requests addl info on fire protection, in response to Briggs 840828 memo re grand jury subpoena. Documents should be submitted by 840911.
WIGGINTON, D.L. Operating Reactors Branch 1. 84/08/31. BENEROYA, V., PARR, D., MINER, S. NRC - No Detailed Affiliation Given. 1p. 27597:344. 24X Fiche: 50-315, 84/09/13, 8411200322.

--8411200335 Forwards grand jury subpoena requesting any & all documents re facility fire protection. Documents should be provided directly to Fortuna by 840912.
BRIGGS, W.H. Office of the General Counsel. 84/08/28. CHILK, S.J. Office of the Secretary of the Commission. 5pp. 27597:345. 24X Fiche: 50-315, 84/09/13, 8411200322.

8411060213 Forwards modified amended security plan. Plan withheld (ref 10CFR73.21).
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/10/27. KEPPLER, J.O., AXELSON, W.L. Region 3, Office of Director. 2pp. 27323:340. 24X Fiche: 50-315, 84/10/27, 8411060213.

8411080265 Revised emergency plan procedures, including PMP 2081 EPP.009 re health physics procedures & PMP 2081 EPP.014 re offsite dose assessments.
* Indiana & Michigan Electric Co. 84/10/31. 17pp. 27392:078. 24X Fiche: 50-315, 84/10/31, 8411080265.

8411130400 Advises that 840719 rev to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable.
AXELSON, W.L. Region 3, Office of Director. 84/11/08. ALEXICH, M.P. Indiana & Michigan Electric Co. 2pp. 27439:031. 24X Fiche: 50-315, 84/11/08, 8411130400.

8411200094 Rev 7 to Emergency Plan Procedure PMP 2080 EPP.008, "Initiating Manning of Emergency Response Facilities & Calling Off-Duty Plant Personnel."
* Indiana & Michigan Electric Co. 84/11/14. 14pp. 27578:126. 24X Fiche: 50-315, 84/11/14, 8411200094.

8411280293 Forwards Rev 1 to General Procedure 15.1, "Noncompliance & Corrective Action." Rev corrects noncompliance identified during emergency response exercises.
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/11/21. Record Services Branch (Document Control Desk). 2pp. 27662:092. 24X Fiche: 50-315, 84/11/21, 8411280293.

--8411280300 Rev 1 to General Procedure 15.1, "Noncompliance & Corrective Action."
KROGER, R.F. Indiana & Michigan Electric Co. 84/10/24. 37pp. 27662:094. 24X Fiche: 50-315, 84/11/21, 8411280293.

J. Insurance & indemnity information

8411150068 Forwards Endorsement 62 to NELIA Policy NF-206 & Endorsement 50 to MAELU Policy MF-79.
BUCKLES, J.A. Marsh & McLennan, Inc. 84/11/09. SALTZMAN, J. Assistant Director for State & License Relations. 3pp. 27503:152. 24X Fiche: 50-315, 84/11/09, 8411150068.

P. Operating license stage documents & correspondence

8410110364 Forwards inservice testing program for pumps & valves, in response to SA Varga 840305 ltr.
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/10/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 450pp. 27077:005. 24X Fiche: 50-315, 84/10/02, 8410110364.

8411030508 Requests remittance of fee for 840910 application for amend to License DPR-58 & DPR-74, deleting License Condition C.3(a) for Unit 2 & exempting GDC 4 for Units 1 & 2.
DIQOS, R.M. License Fee Management Branch. 84/10/25. DOLAN, J. American Electric Power Service Corp. 1p. 27289:313. 24X Fiche: 50-315, 84/10/25, 8411030508.

8411060158 Forwards Westinghouse evaluation of impact of reduced auxiliary feedwater flow for Unit 1 & results of reanalysis performed for Unit 2. Feedwater sys acceptable for both units.
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/10/30. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 20pp. 27322:326. 24X Fiche: 50-315, 84/10/30, 8411060158.

8411200092 Informs of review of 841030 revised Unit 1 main feed line or main steam line break analysis, per 841025 notification of error in licensing basis for Unit 2. Revised analysis does not preclude licensed power operation.
VARGA, S.A. Operating Reactors Branch 1. 84/10/30. DOLAN, J. Indiana & Michigan Electric Co. DOLAN, J. American Electric Power Service Corp. 2pp. 27598:033. 24X Fiche: 50-315, 84/10/30, 8411200092.

--8411200095 SER supporting revised main feed line or main steam line break analysis. SAMP input encl.
* Operating Reactors Branch 1. 84/10/30. 4pp. 27598:035. 24X Fiche: 50-315, 84/10/30, 8411200092.

8411140304 Advises that Phase A containment isolation signal would have to be reset to permit safe opening of four containment isolation valves that supply instrument air to reactor coolant sample valves during LOCA, per Criterion 3.
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/11/07. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27469:022. 24X Fiche: 50-315, 84/11/07, 8411140304.

8411270275 Suppls 840813 ltr w/confirmatory calculations performed on internal rod pressures in fuel supplied by Exxon Nuclear Co. per 841031 telcon Tech Spec change request.
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/11/20. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 4pp. 27635:319. 24X Fiche: 50-315, 84/11/20, 8411270275.

8411280318 Suppls 840823 ltr re Tech Spec change by submitting addl info re application of BART code at facility, per NRC 841031 request. Westinghouse 841109 ltr re BART data base range encl.
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/11/21. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 5pp. 27661:019. 24X Fiche: 50-315, 84/11/21, 8411280318.

8411290321 Informs of EPA Region II receipt of documents including monthly operating repts. Subj documents should be forwarded to EPA Region V.
HODIN, J. Environmental Protection Agency. 84/11/29. NRC - No Detailed Affiliation Given. 1p. 27676:269. 24X Fiche: 50-315, 84/11/29, 8411290321.

DOCKETED ITEMS

G. Inspection reports, IE Bulletins & correspondence

8411010279 Forwards exam repts of requalification exam administered on 840619-21.
WALKER, R.D. Region 3, Office of Director. 84/10/10. DOLAN, J.E. American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan Electric Co. 2pp. 27249:179. 24X Fiche: 50-315, 84/10/10, 8411010279.

—8411010295 Exam rept of requalification exam administered on 840619-21. Exam results: two reactor operators & two senior reactor operators passed written & oral exams.
REIDINGER, T.D., SCHREIBER, D., MCMILLEN, J.I. Region 3, Office of Director. 84/10/10. 100pp. 27249:181. 24X Fiche: 50-315, 84/10/10, 8411010279.

8411050260 Forwards Insp Repts 50-315/84-13 & 50-316/84-15 on 840709-0919 & notice of violation. Four unresolved items noted re operational readiness or condition of equipment.
SPESSARD, R.L. Region 3, Office of Director. 84/10/12. DOLAN, J.E. American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan Electric Co. 2pp. 27328:302. 24X Fiche: 50-315, 84/10/12, 8411050260.

—8411050266 Notice of violation from insp on 840709-0919.
SPESSARD, R.L. Region 3, Office of Director. 84/10/12. 2pp. 27328:304. 24X Fiche: 50-315, 84/10/12, 8411050260.

—8411050273 Insp Repts 50-315/84-13 & 50-316/84-15 on 840709-0919. Violations noted: surveillance tests on auxiliary feedwater sys performed w/o requiring or using calibr equipment in case of stopwatches & tachometers.
ENG, P.L., WOHL, P.R., GULDEMOND, W.G. Region 3, Office of Director. 84/10/12. 10pp. 27328:306. 24X Fiche: 50-315, 84/10/12, 8411050260.

8411130340 Forwards Insp Repts 50-315/84-18 & 50-316/84-20 on 840621-0830. Enforcement action based on insp findings will be forwarded later.
SHAFFER, W.D. Region 3, Office of Director. 84/10/16. DOLAN, J.E. American Electric Power Service Corp. 2pp. 27459:026. 24X Fiche: 50-315, 84/10/16, 8411130340.

—8411130345 Insp Repts 50-315/84-18 & 50-316/84-20 on 840621-0830. Noncompliance noted: both trains of ESF actuation sys ventilation sys, both motor driven auxiliary feedwater pumps & turbine driven auxiliary feedwater pump inoperable.
WOHL, P.R., ENG, P.L., WRIGHT, G.C. Region 3, Office of Director. 84/10/16. 14pp. 27459:026. 24X Fiche: 50-315, 84/10/16, 8411130340.

8410250031 IE Info Notice 84-77. "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of GA. Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411160149 Forwards Insp Repts 50-315/84-16 & 50-316/84-18 on 840807-17 & 1017-18 & notice of violation.
WALKER, R.D. Region 3, Office of Director. 84/10/26. DOLAN, J.E. American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan Electric Co. 2pp. 27545:298. 24X Fiche: 50-315, 84/10/26, 8411160149.

—8411160157 Notice of violation from insp on 840807-17, 21-24 & 1017-18.
WALKER, R.D. Region 3, Office of Director. 84/10/25. 2pp. 27545:300. 24X Fiche: 50-315, 84/10/26, 8411160149.

—8411160168 Insp Repts 50-315/84-16 & 50-316/84-18 on 840807-17, 21-24 & 1017-18. Violations noted: failure to provide prompt & effective corrective action re QC inspector qualification program & failure to follow documented procedures.
WALKER, H.A., SNEENGE, R.J., VANDEL, T.E. Region 3, Office of Director. 84/10/25. 21pp. 27545:302. 24X Fiche: 50-315, 84/10/26, 8411160149.

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411260343 EN-84-067: on 841121, notice of violation & proposed imposition of civil penalties in amount of \$50,000 will be issued. Violations based on inoperability of both trains of ESF equipment ventilation exhaust sys.
BEACH, W., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/16. 1p. 27608:295. 24X Fiche: 50-315, 84/11/15, 8411260343.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411270233 Discusses insp on 840621-0830 & forwards notice of violation & proposed imposition of civil penalty.
KEPPLER, J.G. Region 3, Office of Director. 84/11/21. DOLAN, J.E. American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan Electric Co. 4pp. 27629:070. 24X Fiche: 50-315, 84/11/21, 8411270233.

—8411270243 Notice of violation & proposed imposition of civil penalty in amount of \$50,000. Noncompliance noted: Unit 1 exceeded 6 h limit to be in Mode 4 w/ESF exhaust fans inoperable & Units 1 & 2 could not achieve rated conditions within 60 s.
KEPPLER, J.G. Region 3, Office of Director. 84/11/21. 3pp. 27629:074. 24X Fiche: 50-315, 84/11/21, 8411270233.

—8411270392 Insp Repts 50-315/84-18 & 50-316/84-20 on 840621-0830. Noncompliance noted: both trains of ESF equipment ventilation sys inoperable. Both motor driven feedwater pumps & turbine driven auxiliary feedwater pump inoperable.
WRIGHT, G.C. Region 3, Office of Director. 84/11/20. 11pp. 27629:077. 24X Fiche: 50-315, 84/11/21, 8411270233.

R. Periodic operating reports & related correspondence

8411160002 Monthly operating rept for Sept 1984. W/841005 ltr.
CLIMER, D., SMITH, W.G., SVENSSON, B.A. Indiana & Michigan Electric Co. 84/09/30. 7pp. 27544:082. 24X Fiche: 50-315, 84/09/30, 8411160002.

S. Reportable occurrences, LERs & related correspondence

8411050334 LER 84-020-01: on 840822, control room cable vault supply fan damper found blocked open w/obstructed conduit. Caused by personnel using conduit to hold dampers open. Administrative policy changes established. W/841023 ltr.
BLIND, A.A. Indiana & Michigan Electric Co. 84/10/23. 6pp. 27327:354. 24X Fiche: 50-315, 84/10/23, 8411050334.

8411130006 NPDES noncompliance notification: on 841002, approx 1,000 gallons of water used in hydrostatic testing of plant heating boiler found to contain 1.315 ppm iron. Probable cause was hydrostatic testing of unit after repair.
SMITH, W.G. Indiana & Michigan Electric Co. 84/10/30. KEPPLER, J.G. Region 3, Office of Director. ZUGGER, P.D. Michigan, State of. 2pp. 27460:355. 24X Fiche: 50-315, 84/10/30, 8411130006.

8411060328 LER 84-024-00: on 841002, during surveillance test, spent fuel pool exhaust ventilation sys dampers did not change position to direct air flow through charcoal adsorbers. Cause unknown. Investigation revealed no reason. W/841101 ltr.
BLIND, A.A., SMITH, W.G. Indiana & Michigan Electric Co. 84/11/01. 3pp. 27321:219. 24X Fiche: 50-315, 84/11/01, 8411060328.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411190321 RO-84-021-0. Due to complexity of event, updated submission delayed until 841207.
SMITH, W.G. Indiana & Michigan Electric Co. RO-84-021-0. 84/11/08. Record Services Branch (Document Control Desk). 1p. 27567:287. 24X Fiche: 50-315, 84/11/08, 8411190321.

DOCKETED ITEMS

127

V. Operator Examinations

- B411010279 Forwards exam repts of requalification exam administered on 840619-21.
WALKER, R.D. Region 3, Office of Director. 84/10/10. DOLAN, J.E.
American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan
Electric Co. 2pp. 27249:179. 24X Fiche: 50-315, 84/10/10, 8411010279.
- B411010295 Exam rept of requalification exam administered on 840619-21.
Exam results: two reactor operators & two senior reactor
operators passed written & oral exams.
REIDINGER, T.D., SCHREIBER, D., MCMILLEN, J.I. Region 3, Office of
Director. 84/10/10. 100pp. 27249:181. 24X Fiche: 50-315,
84/10/10, 8411010279.

DOCKET 50-316 DONALD C. COOK NUCLEAR POWER PLANT, UNIT 2

F. Security, medical, emergency & fire protection plans

- B411200322 Discusses WH Briggs 840828 memo re subpoena from grand jury
for fire protection documents, notes & info. Responsible
individuals within NRR contacted. Copies of files provided to
R Fortuna.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director.
84/09/13. DIRCKS, W.J. Office of the Executive Director for
Operations. 11pp. 27597:333. 24X Fiche: 50-315, 84/09/13, 8411200322.
- B411200331 Requests addl info on fire protection in response to Briggs
840828 memo re grand jury subpoena. Documents should be
submitted by 840911.
WIGGINTON, D.L. Operating Reactors Branch 1. 84/08/31.
BENEROVA, V., PARR, O., MINER, S. NRC - No Detailed Affiliation
Given. 1p. 27597:344. 24X Fiche: 50-315, 84/09/13, 8411200322.
- B411200335 Forwards grand jury subpoena requesting any & all documents
re facility fire protection. Documents should be provided
directly to Fortuna by 840912.
BRIGGS, W.H. Office of the General Counsel. 84/08/28. CHILK, S.J.
Office of the Secretary of the Commission. 5pp. 27597:345. 24X
Fiche: 50-315, 84/09/13, 8411200322.
- B411060213 Forwards modified amended security plan. Plan withheld
(ref 10CFR73.21).
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/10/27.
KEPPLER, J.G., AXELSON, W.L. Region 3, Office of Director. 2pp.
27323:340. 24X Fiche: 50-315, 84/10/27, 8411060213.
- B411080265 Revised emergency plan procedures, including PMP 2081 EPP. 009
re health physics procedures & PMP 2081 EPP. 014 re offsite
dose assessments.
* Indiana & Michigan Electric Co. 84/10/31. 17pp. 27392:078. 24X
Fiche: 50-315, 84/10/31, 8411080265.
- B411130400 Advises that 840719 rev to physical security plan
consistent w/provisions of 10CFR50.54(p) & acceptable.
AXELSON, W.L. Region 3, Office of Director. 84/11/08. ALEXICH, M.P.
Indiana & Michigan Electric Co. 2pp. 27439:031. 24X
Fiche: 50-315, 84/11/08, 8411130400.
- B411200094 Rev 7 to Emergency Plan Procedure PMP 2080 EPP. 008.
"Initiating Manning of Emergency Response Facilities &
Calling Off-Duty Plant Personnel."
* Indiana & Michigan Electric Co. 84/11/14. 14pp. 27578:126. 24X
Fiche: 50-315, 84/11/14, 8411200094.

- B411280293 Forwards Rev 1 to General Procedure 15.1. "Noncompliance &
Corrective Action." Rev corrects noncompliance identified
during emergency response exercises.
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/11/21. Record
Services Branch (Document Control Desk). 2pp. 27662:092. 24X
Fiche: 50-315, 84/11/21, 8411280293.

- B411280300 Rev 1 to General Procedure 15.1. "Noncompliance & Corrective
Action."
KROEGER, R.F. Indiana & Michigan Electric Co. 84/10/24. 37pp.
27662:094. 24X Fiche: 50-315, 84/11/21, 8411280293.

J. Insurance & indemnity information

- B411150068 Forwards Endorsement 62 to NELIA Policy NF-206 & Endorsement
50 to MAELU Policy MF-79.
BUCKLES, J.A. Marsh & McLennan, Inc. 84/11/09. SALTZMAN, J.
Assistant Director for State & Licensee Relations. 3pp. 27503:152.
24X Fiche: 50-315, 84/11/09, 8411150068.

P. Operating license stage documents & correspondence

- B410110364 Forwards inservice testing program for pumps & valves in
response to SA Varga 840305 ltr.
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/10/02. DENTON, H.R.
Office of Nuclear Reactor Regulation, Director. 450pp. 27077:005.
24X Fiche: 50-315, 84/10/02, 8410110364.
- B411030508 Requests remittance of fee for 840910 application for amend
to License DPR-58 & DPR-74, deleting License Condition
C.3(a) for Unit 2 & exempting GDC 4 for Units 1 & 2.
DIGGS, R.M. License Fee Management Branch. 84/10/25. DOLAN, J.
American Electric Power Service Corp. 1p. 27289:313. 24X
Fiche: 50-315, 84/10/25, 8411030508.
- B411060158 Forwards Westinghouse evaluation of impact of reduced
auxiliary feedwater flow for Unit 1 & results of
reanalysis performed for Unit 2. Feedwater sys acceptable for
both units.
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/10/30. DENTON, H.R.
Office of Nuclear Reactor Regulation, Director. 20pp. 27322:326.
24X Fiche: 50-315, 84/10/30, 8411060158.
- B411200092 Informs of review of 841030 revised Unit 1 main feed line or
main steam line break analysis, per 841025 notification of
error in licensing basis for Unit 2. Revised analysis does
not preclude licensed power operation.
VARGA, S.A. Operating Reactors Branch 1. 84/10/30. DOLAN, J.
Indiana & Michigan Electric Co. DOLAN, J. American Electric Power
Service Corp. 2pp. 27598:033. 24X Fiche: 50-315, 84/10/30,
8411200092.
- B411200095 SER supporting revised main feed line or main steam line
break analysis. SALP input encl.
* Operating Reactors Branch 1. 84/10/30. 4pp. 27598:035. 24X
Fiche: 50-315, 84/10/30, 8411200092.
- B411280402 Summary of 841015 meeting w/util & Exxon in Bethesda, MD
re outstanding analyses for Cycle 5 & 6 reloads.
WIGGINTON, D.L. Operating Reactors Branch 1. 84/11/06. Operating
Reactors Branch 1. 2pp. 27682:350. 24X Fiche: 50-316, 84/11/06,
8411280402.
- B411140304 Advises that Phase A containment isolation signal would have
to be reset to permit safe opening of four containment
isolation valves that supply instrument air to reactor
coolant sample valves during LOCA, per Criterion 3.
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/11/07. DENTON, H.R.
Office of Nuclear Reactor Regulation, Director. 2pp. 27469:022.
24X Fiche: 50-315, 84/11/07, 8411140304.
- B411160463 Notification of 841113 meeting w/util & Exxon in Bethesda,
MD to discuss current cycle use of K sub Z curve & generic
application of Exxon solution.
WIGGINTON, D.L. Operating Reactors Branch 1. 84/11/07. VARGA, S.A.
Operating Reactors Branch 1. 2pp. 27546:052. 24X
Fiche: 50-316, 84/11/07, 8411160463.
- B411280296 Forwards Proprietary Rev 0 to Exxon Nuclear Co XN-NF-84-69.
"Exam of Exxon Nuclear Co Fuel Irradiated at DC Cook-2,
Apr 1984 (EOC 4)" & affidavit for withholding. Rept
withheld (ref 10CFR2.790).
ALEXICH, M.P. Indiana & Michigan Electric Co. 84/11/21. DENTON, H.R.
Office of Nuclear Reactor Regulation, Director. 5pp. 27663:021.
24X Fiche: 50-316, 84/11/21, 8411280296.
- B411290321 Informs of EPA Region II receipt of documents including
monthly operating repts. Subj documents should be forwarded
to EPA Region V.
MOON, J. Environmental Protection Agency. 84/11/29. NRC - No
Detailed Affiliation Given. 1p. 27676:269. 24X
Fiche: 50-315, 84/11/29, 8411290321.

G. Inspection reports, IE Bulletins & correspondence

- B411010279 Forwards exam repts of requalification exam administered on
840619-21.
WALKER, R.D. Region 3, Office of Director. 84/10/10. DOLAN, J.E.
American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan
Electric Co. 2pp. 27249:179. 24X Fiche: 50-315, 84/10/10, 8411010279.
- B411010295 Exam rept of requalification exam administered on 840619-21.
Exam results: two reactor operators & two senior reactor
operators passed written & oral exams.
REIDINGER, T.D., SCHREIBER, D., MCMILLEN, J.I. Region 3, Office of
Director. 84/10/10. 100pp. 27249:181. 24X Fiche: 50-315,
84/10/10, 8411010279.

DOCKETED ITEMS

8411050260 Forwards Insp Repts 50-315/84-13 & 50-316/84-15 on 840709-0919 & notice of violation. Four unresolved items noted re operational readiness or condition of equipment. SPESSARD, R.L. Region 3, Office of Director. 84/10/12. DOLAN, J.E. American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan Electric Co. 2pp. 27328:302. 24X Fiche: 50-315, 84/10/12, 8411050260.

--8411050266 Notice of violation from insp on 840709-0919. SPESSARD, R.L. Region 3, Office of Director. 84/10/12. 2pp. 27328:304. 24X Fiche: 50-315, 84/10/12, 8411050260.

--8411050273 Insp Repts 50-315/84-13 & 50-316/84-15 on 840709-0919. Violations noted: surveillance tests on auxiliary feedwater sys performed w/o requiring or using calibr equipment, in case of stopwatches & tachometers. ENG, P.L., WOHL, P.R., OULDEMUND, W.G. Region 3, Office of Director. 84/10/12. 10pp. 27328:306. 24X Fiche: 50-315, 84/10/12, 8411050260.

8411130340 Forwards Insp Repts 50-315/84-18 & 50-316/84-20 on 840621-0830. Enforcement action based on insp findings will be forwarded later. SHAFER, W.D. Region 3, Office of Director. 84/10/16. DOLAN, J.E. American Electric Power Service Corp. 2pp. 27459:026. 24X Fiche: 50-315, 84/10/16, 8411130340.

--8411130345 Insp Repts 50-315/84-18 & 50-316/84-20 on 840621-0830. Noncompliance noted: both trains of ESF actuation sys ventilation sys, both motor driven auxiliary feedwater pumps & turbine driven auxiliary feedwater pump inoperable. WOHL, P.R., ENG, P.L., WRIGHT, G.C. Region 3, Office of Director. 84/10/15. 14pp. 27459:028. 24X Fiche: 50-315, 84/10/16, 8411130340.

841120148 Forwards Insp Rept 50-316/84-13 on 840529-31.0813-14 & 0928 & notice of violation. LITTLE, W.S. Region 3, Office of Director. 84/10/18. DOLAN, J.E. American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan Electric Co. 2pp. 27436:086. 24X Fiche: 50-316, 84/10/18, 841120148.

--841120157 Notice of violation from insp on 840529-31.0813-14 & 0928. LITTLE, W.S. Region 3, Office of Director. 84/10/18. 1p. 27436:088. 24X Fiche: 50-316, 84/10/18, 841120148.

--841120171 Insp Rept 50-316/84-13 on 840529-31.0813-14 & 0928. Noncompliance noted: inadequate procedure, resulting in failure to perform supplemental tests in accordance w/10CFR50, App J Paragraph III.A.3.(b) requirements. HARE, S.M., REYES, L.A. Region 3, Office of Director. 84/10/18. 6pp. 27436:089. 24X Fiche: 50-316, 84/10/18, 841120148.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

841160149 Forwards Insp Repts 50-315/84-16 & 50-316/84-18 on 840807-17 & 1017-18 & notice of violation. WALKER, R.D. Region 3, Office of Director. 84/10/26. DOLAN, J.E. American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan Electric Co. 2pp. 27545:298. 24X Fiche: 50-315, 84/10/26, 841160149.

--841160157 Notice of violation from insp on 840807-17, 21-24 & 1017-18. WALKER, R.D. Region 3, Office of Director. 84/10/26. 2pp. 27545:300. 24X Fiche: 50-315, 84/10/26, 841160149.

--841160168 Insp Repts 50-315/84-16 & 50-316/84-18 on 840807-17, 21-24 & 1017-18. Violations noted: failure to provide prompt & effective corrective action re QC inspector qualification program & failure to follow documented procedures. WALKER, H.A., SMEENGE, R.J., VANDEL, T.E. Region 3, Office of Director. 84/10/25. 21pp. 27545:302. 24X Fiche: 50-315, 84/10/26, 841160149.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:199. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841190362 Forwards revised page to Insp Rept 50-316/84-13 correcting "as found" containment leakage acceptance criteria to 0.75 La or 0.1875 weight percent per day. LITTLE, W.S. Region 3, Office of Director. 84/11/13. DOLAN, J.E. American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan Electric Co. 1p. 27554:168. 24X Fiche: 50-316, 84/11/13, 841190362.

--841190369 Revised page to Insp Rept 50-316/84-13, correcting "as found" containment leakage acceptance criteria to be 0.75 La or 0.1875 weight percent per day. LITTLE, W.S. Region 3, Office of Director. 84/11/13. 1p. 27554:169. 24X Fiche: 50-316, 84/11/13, 841190362.

8411260343 EN-84-067: on 841121, notice of violation & proposed imposition of civil penalties in amount of \$50,000 will be issued. Violations based on inoperability of both trains of ESF equipment ventilation exhaust sys. BEACH, W., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/16. 1p. 27608:295. 24X Fiche: 50-315, 84/11/15, 8411260343.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411270233 Discusses insp on 840621-0830 & forwards notice of violation & proposed imposition of civil penalty. KEPPLER, J.G. Region 3, Office of Director. 84/11/21. DOLAN, J.E. American Electric Power Service Corp. DOLAN, J.E. Indiana & Michigan Electric Co. 4pp. 27629:070. 24X Fiche: 50-315, 84/11/21, 8411270233.

--8411270243 Notice of violation & proposed imposition of civil penalty in amount of \$50,000. Noncompliance noted: Unit 1 exceeded 4 h limit to be in Mode 4 w/ESF exhaust fans inoperable & Units 1 & 2 could not achieve rated conditions within 60 s. KEPPLER, J.G. Region 3, Office of Director. 84/11/21. 3pp. 27629:074. 24X Fiche: 50-315, 84/11/21, 8411270233.

--8411270392 Insp Repts 50-315/84-18 & 50-316/84-20 on 840621-0830. Noncompliance noted: both trains of ESF equipment ventilation sys inoperable. Both motor driven feedwater pumps & turbine driven auxiliary feedwater pump inoperable. WRIGHT, G.C. Region 3, Office of Director. 84/11/20. 11pp. 27629:077. 24X Fiche: 50-315, 84/11/21, 8411270233.

R. Periodic operating reports & related correspondence

841130675 Monthly operating rept for Sept 1984, W/841005 ltr. CLIMER, SMITH, W.G. Indiana & Michigan Electric Co. 84/09/30. 7pp. 27461:180. 24X Fiche: 50-316, 84/09/30, 841130675.

S. Reportable occurrences, LERs & related correspondence

8411060329 LER 84-026-00: on 840821, control room cable vault supply fan fire damper 2-HV-ACES-2 closed but not latched. Caused by clearance between latch bolt & housing being greater than necessary. Personnel retrained. DUDDING, R.L., SMITH, W.G. Indiana & Michigan Electric Co. 84/10/19. 3pp. 27352:331. 24X Fiche: 50-316, 84/10/19, 8411060329.

8411050521 LER 84-023-01: on 840829, fire damper 2-HV-ACES-2 inoperable during manual actuation of low pressure CO2 fire suppression sys. Caused by pop-off latch caught on protective screen, preventing complete closure of damper. W/841024 ltr. DUDDING, R.L., SMITH, W.G. Indiana & Michigan Electric Co. 84/10/24. 5pp. 27328:001. 24X Fiche: 50-316, 84/10/24, 8411050521.

8411060180 LER 84-027-00: on 840928, cardox fire protection sys on auxiliary cable vault found isolated w/no fire watch present. Caused by personnel error. Event discussed w/fire watch supervisors at safety meetings. W/841026 ltr. STIETZEL, J.F., SMITH, W.G. Indiana & Michigan Electric Co. 84/10/26. 3pp. 27351:338. 24X Fiche: 50-316, 84/10/26, 8411060180.

DOCKETED ITEMS

129

841130006 NPDES noncompliance notification on 841002, approx 1,000 gallons of water used in hydrostatic testing of plant heating boiler found to contain 1.315 ppm iron. Probable cause was hydrostatic testing of unit after repair. SMITH, W.G. Indiana & Michigan Electric Co. 84/10/30. KEPLER, J.G. Region 3, Office of Director. ZUGGER, P.D. Michigan, State of. 2pp. 27460:355. 24X Fiche: 50-315, 84/10/30, 841130006.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

8411280092 LER 84-004-01: on 840320, ice inventory within condenser below Tech Spec limits. Caused by sublimation & subsequent ice migration. Ice baskets refilled. W/841115 ltr. BLIND, A.A. SMITH, W.G. Indiana & Michigan Electric Co. 84/11/15. 3pp. 27685:164. 24X Fiche: 50-316, 84/11/15, 8411280092.

8411290397 LER 84-028-00: on 841025, auxiliary feedwater sys hydraulic analysis review revealed input assumption error for feedwater flow. Power lowered to reduce decay heat equivalent to decrease auxiliary feedwater flow. W/841121 ltr. BLIND, A.A. SMITH, W.G. Indiana & Michigan Electric Co. 84/11/21. 3pp. 27721:280. 24X Fiche: 50-316, 84/11/21, 8411290397.

V. Operator Examinations

8411010279 Forwards exam repts of requalification exam administered on 840619-21. WALKER, R.D. Region 3, Office of Director. 84/10/10. DOLAN, J.E. American Electric Power Service Corp. 2pp. 27249:179. 24X Fiche: 50-315, 84/10/10, 8411010279.

--8411010295 Exam rept of requalification exam administered on 840619-21. Exam results: two reactor operators & two senior reactor operators passed written & oral exams. REIDINGER, T.D. Region 3, Office of Director. 84/10/10. 100pp. 27249:181. 24X Fiche: 50-315, 84/10/10, 8411010279.

DOCKET 50-317 CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 1

F. Security, medical, emergency & fire protection plans

8411050231 Rev 5 to emergency response plan. USI, V. Baltimore Gas & Electric Co. 84/09/24. 190pp. 27303:217. 24X Fiche: 50-317, 84/09/24, 8411050231.

841130715 Forwards request for addl info re 840606 submittal on safety parameter display sys per Suppl 1 to NUREG-0737. Response requested within 30 days. MILLER, J.R. Operating Reactors Branch 3. 84/10/23. LUNDVALL, A.E. Baltimore Gas & Electric Co. 4pp. 27463:342. 24X Fiche: 50-317, 84/10/23, 841130715.

841190486 Rev 10 to Attachment 2 of Emergency Plan Implementing Procedure ERPIP 4.1.17 re security. FORGETTE, T.E. Baltimore Gas & Electric Co. 84/10/31. 4pp. 27550:121. 24X Fiche: 50-317, 84/10/31, 841190486.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecky at Region 1. MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. COUNSIL, W.G. Connecticut Yankee Atomic Power Co. LAHEY, R.T. Rensselaer Polytechnic Institute, Troy, NY. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

841150049 Requests extension until 841227 to respond to NRC 841023 request for addl info re safety parameter display sys. Extension requested due to involvement in design review cycle w/vendor. LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/11/09. MILLER, J.R. Operating Reactors Branch 3. 1p. 27503:061. 24X Fiche: 50-317, 84/11/09, 841150049.

841190420 Notifies that Emergency Response Plan Implementation Procedures 4.4.8, 4.4.8.1, 4.4.5.4.1, 4.5.4.2, 4.5.6 & 4.8 canceled. * Baltimore Gas & Electric Co. 84/11/12. Record Services Branch (Document Control Desk). 4pp. 27551:075. 24X Fiche: 50-317, 84/11/12, 841190420.

841190478 Revised emergency response plan implementation procedures, including ERPIP 3.0 re personnel injury, ERPIP 4.1.4 re operational support ctr & ERPIP 4.1.5 re radiation protection director. * Baltimore Gas & Electric Co. 84/11/14. 49pp. 27550:034. 24X Fiche: 50-317, 84/11/14, 841190478.

8411270294 Forwards Insp Repts 50-317/84-23 & 50-318/84-23 on 840821-0925 & notice of violation. WENZINGER, E.C. Region 1, Office of Director. 84/11/21. LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27635:142. 24X Fiche: 50-317, 84/11/21, 8411270294.

--8411270299 Insp Repts 50-317/84-23 & 50-318/84-23 on 840821-0925. Violation noted: three temporary mechanical devices (blank flanges) installed in chemical & vol control sys not tagged, logged or approved. FOLEY, T.T. TRIMBLE, D.C. ELSASSER, T.C. Region 1, Office of Director. 84/11/09. 13pp. 27635:145. 24X Fiche: 50-317, 84/11/21, 8411270294.

P. Operating license stage documents & correspondence

841140027 Advises that Aug 1984 response to questions re CENPD-269-P, "Extended Burnup of C-E Fuel" & Jul 1984 Rev 1 to CENPD-269-P will be withheld from public disclosure (ref 10CFR2.790(b)(5)), per 840907 request. MILLER, J.R. Operating Reactors Branch 3. 84/10/17. LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27496:362. 24X Fiche: 50-317, 84/10/17, 841140027.

8411010163 Forwards ORNL draft rept re pressurized thermal shock based on facility design. Draft not yet reviewed by NRC. Comments of NRC research review group will be treated in final version of rept. W/o encl. JOHNSON, C. Division of Risk Analysis & Operations (post 840429). 84/10/18. WOODS, R. Generic Issues Branch. 3pp. 27271:325. 24X Fiche: 50-317, 84/10/18, 8411010163.

8411010596 Notification of research review group 841102 meeting in Bethesda, MD to review preliminary results of ORNL, LANL, Purdue, BNL analysis of pressurized thermal shock likelihood based on Calvert Cliffs-1. JOHNSON, C. Reactor Risk Branch. 84/10/23. BURDICK, G.R. Reactor Risk Branch. 4pp. 27231:251. 24X Fiche: 50-317, 84/10/23, 8411010596.

8411070102 Forwards addl info re conformance w/post-accident sampling sys Criteria 2 & 10, per TMI Item II, B.3. Core damage assessment procedure based on C-E Owners Group guidelines. will be submitted by 841231. LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/10/30. MILLER, J.R. Operating Reactors Branch 3. 9pp. 27353:131. 24X Fiche: 50-317, 84/10/30, 8411070102.

841120124 Requests mod of NRC 840302 order to allow until 850630 (Unit 1) & 851231 (Unit 2) for providing noble gas steam effluent monitor, per TMI Item II, F.1.1. LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/11/01. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27430:170. 24X Fiche: 50-317, 84/11/01, 841120124.

G. Inspection reports, IE Bulletins & correspondence

8411090506 Ack receipt of 840831 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-317/84-09 & 50-318/84-09. Violation re sampling procedures stands. Response required within 30 days. MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/09. LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27416:244. 24X Fiche: 50-317, 84/10/09, 8411090506.

841140203 Clarifies insp approach for RCS & inaccessible pipe supports, per Varela 841005 exit interview suggestion re audit of util response to IE Bulletins 79-02, 79-04, 79-07 & 79-14. No adverse effects expected during DBE. LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/10/19. MURLEY, T.J. Region 1, Office of Director. 5pp. 27466:120. 24X Fiche: 50-317, 84/10/19, 841140203.

8411020235 Responds to NRC ltr re violations noted in Insp Repts 50-317/84-18 & 50-318/84-18. Safety evaluation to authorize defeating of automatic start of HPSI pump unnecessary. Issuance of noncompliance should be reconsidered. LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/10/22. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27252:194. 24X Fiche: 50-317, 84/10/22, 8411020235.

DOCKETED ITEMS

841120303 Confirmatory Action ltr re 841018 telcon concerning util failure to comply w/action items of IE Bulletin 79-14.RCS & pressurizer surge line will be inspected no later than next refueling outage.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/25.
LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27437:146. 24X Fiche:50-317,84/10/25,841120303.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche:50-000,84/10/26,8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche:50-000,84/11/02,8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/03. Consolidated Edison Co. of New York, Inc. 116pp. 27417:139. 24X Fiche:50-000,84/11/03,8411010487.

8411190488 Responds to NRC 841009 ltr re violations noted in Insp Repts 50-317/84-09 & 50-318/84-09. Corrective actions: plant operations & safety review committee will review chemistry & radiochemistry procedures listed in insp repts by 841201.
LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/11/07. MARTIN, T.T. Division of Engineering & Technical Programs. 2pp. 27553:327. 24X Fiche:50-317,84/11/07,8411190488.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche:50-000,84/11/08,8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche:50-000,84/11/16,8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche:50-000,84/11/16,8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche:50-000,84/11/19,8411150054.

8411270294 Forwards Insp Repts 50-317/84-23 & 50-318/84-23 on 840821-0925 & notice of violation.
MENZINGER, E.C. Region 1, Office of Director. 84/11/21.
LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27635:142. 24X Fiche:50-317,84/11/21,8411270294.

--8411270296 Notice of violation from insp on 840821-0925.
* Region 1, Office of Director. 84/11/21. 1p. 27635:144. 24X Fiche:50-317,84/11/21,8411270294.

/84-23 & 50-318/84-23 on 840821-0925.
mechanical devices
ical & vol control sys
C. Region 1, Office of
145. 24X Fiche:50-317,84/11/21.

K. Periodic operating reports & related correspondence

8411010498 Forwards monthly operating repts for Sept 1984 & revs to monthly rept for May-Aug 1984 re Unit 1 forced outage rate.
BEWLEY, E.K. Baltimore Gas & Electric Co. 84/10/15. Director's Office, Office of Inspection and Enforcement. 1p. 27247:333. 24X Fiche:50-317,84/10/15,8411010498.

--8411010518 Revised monthly operating rept for May 1984.
BEWLEY, E.K. Baltimore Gas & Electric Co. 84/05/31. 1p. 27247:334. 24X Fiche:50-317,84/10/15,8411010498.

--8411010520 Revised monthly operating rept for June 1984.
BEWLEY, E.K. Baltimore Gas & Electric Co. 84/06/30. 1p. 27247:335. 24X Fiche:50-317,84/10/15,8411010498.

--8411010521 Revised monthly operating rept for Jul 1984.
BEWLEY, E.K. Baltimore Gas & Electric Co. 84/07/31. 1p. 27247:336. 24X Fiche:50-317,84/10/15,8411010498.

--8411010523 Revised monthly operating rept for Aug 1984.
BEWLEY, E.K. Baltimore Gas & Electric Co. 84/08/31. 1p. 27247:337. 24X Fiche:50-317,84/10/15,8411010498.

--8411010525 Monthly operating repts for Sept 1984.
BEWLEY, E.K. Baltimore Gas & Electric Co. 84/09/30. 10pp. 27247:338. 24X Fiche:50-317,84/10/15,8411010498.

8411280414 Monthly operating repts for Oct 1984.W/841114 ltr.
BEWLEY, E.K. Baltimore Gas & Electric Co. 84/10/31. 12pp. 27687:294. 24X Fiche:50-317,84/10/31,8411280414.

S. Reportable occurrences, LERs & related correspondence

8411070185 NPDES noncompliance notification on 840828 reactor & turbine manually tripped due to max influx of fish blanketing screen. Caused by severe anoxic conditions. Biofouling task force working to improve screen performance.
BAUERREIS, E.I. Baltimore Gas & Electric Co. 84/09/28. 1p. 27389:111. 24X Fiche:50-317,84/09/28,8411070185.

8411090386 Nonroutine radiological environ operating third quarter rept for Jul-Sept 1984.
FUHRMAN, G.R. Baltimore Gas & Electric Co. 84/10/19. Region 1, Office of Director. 3pp. 27416:291. 24X Fiche:50-317,84/10/19,8411090386.

8411010019 LER 84-012-00 on 840922 & 23, main vent particulate monitor out of svc during waste gas decay tank release. Caused by inoperable paper drive & personnel error. Operators instructed. W/841022 ltr.
JUNGE, M., RUSSELL, L.B. Baltimore Gas & Electric Co. 84/10/22. 3pp. 27249:119. 24X Fiche:50-317,84/10/22,8411010019.

8411270290 PNO-I-84-099 on 841120, break occurred in extraction steam line supply to feedwater heater & MSIV closed. Worker suffered burns on face & left hand & taken to hosp. Caused by eroded steam line elbow steel wall.
FERLIC, K., ELSSASSER, T. Region 1, Office of Director. 84/11/21. 1p. 27635:318. 24X Fiche:50-317,84/11/21,8411270290.

8411280569 LER 84-014-00 on 841024, during surveillance testing on battery 21, individual cell voltage for cell 1 below Tech Spec limits. Caused not stated. Cell replaced & battery 21 returned to svc. W/841121 ltr.
RAYNOR, J.W., RUSSELL, L.B. Baltimore Gas & Electric Co. 84/11/21. 3pp. 27685:357. 24X Fiche:50-317,84/11/21,8411280569.

DOCKET 50-318 CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 2

F. Security, medical, emergency & fire protection plans

8411050231 Rev 5 to emergency response plan.
USI, V. Baltimore Gas & Electric Co. 84/09/24. 190pp. 27303:217. 24X Fiche:50-317,84/09/24,8411050231.

8411140391 Advises of review of 840827 request for extension of operability date for safety parameter display sys to 871001. Sys installation should be completed during Fall 1985 outage.
MILLER, J.R. Operating Reactors Branch 3. 84/10/01. LUNDVALL, A.E. Baltimore Gas & Electric Co. 1p. 27525:008. 24X Fiche:50-318,84/10/01,8411140391.

8411130715 Forwards request for addl info re 840606 submittal on safety parameter display sys per Suppl 1 to NUREG-0737. Response requested within 30 days.
MILLER, J.R. Operating Reactors Branch 3. 84/10/23. LUNDVALL, A.E. Baltimore Gas & Electric Co. 4pp. 27463:342. 24X Fiche:50-317,84/10/23,8411130715.

8411190486 Rev 10 to Attachment 2 of Emergency Plan Implementing Procedure ERPIP 4.1.17 re security.
FORGETTE, T.E. Baltimore Gas & Electric Co. 84/10/31. 4pp. 27550:121. 24X Fiche:50-317,84/10/31,8411190486.

DOCKETED ITEMS

131

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. HEIDER, L.H. Yankee Atomic Electric Co. MURPHY, W.P. Vermont Yankee Nuclear Power Corp. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

841150049 Requests extension until 841227 to respond to NRC 841023 request for addl info re safety parameter display sys. Extension requested due to involvement in design review cycle w/vendor.
LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/11/09. MILLER, J.R. Operating Reactors Branch 3. 1p. 27503:061. 24X Fiche: 50-317, 84/11/09, 841150049.

841190420 Notifies that Emergency Response Plan Implementation Procedures 4.4, B, 4.4.8, 1.4.5, 4.1.4, 5.4.2, 4.5.6 & 4.8 canceled.
* Baltimore Gas & Electric Co. 84/11/12. Record Services Branch (Document Control Desk). 4pp. 27551:075. 24X Fiche: 50-317, 84/11/12, 841190420.

841190478 Revised emergency response plan implementation procedures, including ERPIP 3.0 re personnel injury, ERPIP 4.1.4 re operational support ctr & ERPIP 4.1.5 re radiation protection director.
* Baltimore Gas & Electric Co. 84/11/14. 49pp. 27550:034. 24X Fiche: 50-317, 84/11/14, 841190478.

8411270294 Forwards Insp Repts 50-317/84-23 & 50-318/84-23 on 840821-0925 & notice of violation.
WENZINGER, E.C. Region 1, Office of Director. 84/11/21. LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27635:142. 24X Fiche: 50-317, 84/11/21, 8411270294.

--8411270299 Insp Repts 50-317/84-23 & 50-318/84-23 on 840821-0925. Violation noted: three temporary mechanical devices (blank flanges) installed in chemical & vol control sys not tagged, logged or approved.
FOLEY, T. Region 1, Office of Director. 84/11/09. 13pp. 27635:145. 24X Fiche: 50-317, 84/11/21, 8411270294.

P. Operating license stage documents & correspondence

8411060291 "Summary of Startup Testing for Cycle 6." W/841008 ltr. LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/10/08. MURLEY, T.E. Region 1, Office of Director. 9pp. 27351:275. 24X Fiche: 50-318, 84/10/08, 8411060291.

8411140027 Advises that Aug 1984 response to questions re CENPD-269-P, "Extended Burnup of C-E Fuel" & Jul 1984 Rev 1 to CENPD-269-P will be withheld from public disclosure (ref 10CFR2.790(b)(5)), per 840907 request.
MILLER, J.R. Operating Reactors Branch 3. 84/10/17. LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27496:362. 24X Fiche: 50-317, 84/10/17, 8411140027.

8411070102 Forwards addl info re conformance w/post-accident sampling sys Criteria 2 & 10, per TMI Item II, B.3, Core damage assessment procedure based on C-E Owners Group guidelines will be submitted by 841231.
LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/10/30. MILLER, J.R. Operating Reactors Branch 3. 9pp. 27353:131. 24X Fiche: 50-317, 84/10/30, 8411070102.

841120124 Requests mod of NRC 840302 order to allow until 850630 (Unit 1) & 851231 (Unit 2) for providing noble gas steam effluent monitor, per TMI Item II, F.1.1.
LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/11/01. MILLER, J.R. Operating Reactors Branch 3. 3pp. 27430:170. 24X Fiche: 50-317, 84/11/01, 841120124.

Q. Inspection reports, IE Bulletins & correspondence

8411090506 Ack receipt of 840831 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-317/84-09 & 50-318/84-09. Violation re sampling procedures stands. Response required within 30 days.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/09. LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27416:244. 24X Fiche: 50-317, 84/10/09, 8411090506.

841140203 Clarifies insp approach for RCS & inaccessible pipe supports, per Varela 841005 exit interview suggestion re audit of util response to IE Bulletins 79-02, 79-04, 79-07 & 79-14. No adverse effects expected during DBE.
LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/10/19. MURLEY, T.J. Region 1, Office of Director. 3pp. 27466:120. 24X Fiche: 50-317, 84/10/19, 841140203.

8411020235 Responds to NRC ltr re violations noted in Insp Repts 50-317/84-18 & 50-318/84-18. Safety evaluation to authorize defeating of automatic start of HPSI pump unnecessary. Issuance of noncompliance should be reconsidered.
LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/10/22. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27252:194. 24X Fiche: 50-317, 84/10/22, 8411020235.

841120303 Confirmatory Action ltr re 841018 telcon concerning util failure to comply w/action items of IE Bulletin 79-14, RCS & pressurizer surge line will be inspected no later than next refueling outage.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/25. LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27437:146. 24X Fiche: 50-317, 84/10/25, 841120303.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
ORACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

841190488 Responds to NRC 841009 ltr re violations noted in Insp Repts 50-317/84-09 & 50-318/84-09. Corrective actions: plant operations & safety review committee will review chemistry & radiochemistry procedures listed in insp repts by 841201.
LUNDVALL, A.E. Baltimore Gas & Electric Co. 84/11/07. MARTIN, T.T. Division of Engineering & Technical Programs. 2pp. 27553:327. 24X Fiche: 50-317, 84/11/07, 841190488.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411270294 Forwards Insp Repts 50-317/84-23 & 50-318/84-23 on 840821-0925 & notice of violation.
WENZINGER, E.C. Region 1, Office of Director. 84/11/21. LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27635:142. 24X Fiche: 50-317, 84/11/21, 8411270294.

--8411270296 Notice of violation from insp on 840821-0925.
* Region 1, Office of Director. 84/11/21. 1p. 27635:144. 24X Fiche: 50-317, 84/11/21, 8411270294.

--8411270299 Insp Repts 50-317/84-23 & 50-318/84-23 on 840821-0925. Violation noted: three temporary mechanical devices (blank flanges) installed in chemical & vol control sys not tagged, logged or approved.
FOLEY, T., TRIMBLE, D.C., ELSASSER, T.C. Region 1, Office of Director. 84/11/09. 13pp. 27635:145. 24X Fiche: 50-317, 84/11/21, 8411270294.

DOCKETED ITEMS

R. Periodic operating reports & related correspondence

8411010498 Forwards monthly operating repts for Sept 1984 & revs to monthly rept for May-Aug 1984 re Unit 1 forced outage rate.
BEWLEY, E.K. Baltimore Gas & Electric Co. 84/10/15. Director's Office, Office of Inspection and Enforcement. 1p. 27247:333. 24X Fiche:50-317,84/10/15,8411010498.

--8411010525 Monthly operating repts for Sept 1984.
BEWLEY, E. Baltimore Gas & Electric Co. 84/09/30. 10pp. 27247:338. 24X Fiche:50-317,84/10/15,8411010498.

8411280414 Monthly operating repts for Oct 1984. W/841114 1tr.
BEWLEY, E.K. Baltimore Gas & Electric Co. 84/10/31. 12pp. 27687:294. 24X Fiche:50-317,84/10/31,8411280414.

S. Reportable occurrences, LERs & related correspondence

8411090386 Nonroutine radiological environ operating third quarter rept for Jul-Sept 1984.
FUHRMAN, G.R. Baltimore Gas & Electric Co. 84/10/19. Region 1, Office of Director. 3pp. 27416:291. 24X Fiche:50-317,84/10/19,8411090386.

8411130416 LER 84-008-00: on 841003, automatic trip occurred due to steam generator feed pump (SGFP) 22 trip. Possibly caused by spurious fault in common SGFP control circuitry. SGFP control oil & lube oil sys checked. W/841101 1tr.
SULLIVAN, B.J., RUSSELL, L.B. Baltimore Gas & Electric Co. 84/11/02. 3pp. 27459:183. 24X Fiche:50-318,84/11/02,8411130416.

DOCKET 50-320 THREE MILE ISLAND NUCLEAR STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411060312 Revised emergency plan implementing procedures, including 1054.24 re activation of emergency operation facility & 1055 re emergency preparedness drills.
* General Public Utilities - GPU Service Corp. 84/10/31. 39pp. 27320:348. 24X Fiche:50-320,84/10/31,8411060312.

8411150075 Forwards updated Rev 1 to "Fire Protection Program Evaluation." Status of items identified in 840413 & 0629 1trs re fire protection program evaluation general & specific requirements encl.
STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/11/02. SNYDER, B.J. TMI Program Office. 4pp. 27505:156. 24X Fiche:50-320,84/11/02,8411150075.

--8411150080 Updated Rev 1 to "Fire Protection Program Evaluation."
GUINNETTE, J.W. General Public Utilities - GPU Service Corp. 84/11/01. 78pp. 27505:160. 24X Fiche:50-320,84/11/02,8411150075.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. STANDERFER, F. General Public Utilities - GPU Service Corp. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 36pp. 27605:338. 24X Fiche:50-000,84/11/02,8411210079.

8411190271 Rev 1 to Emergency Plan Implementing Procedure 4000-IMP-1300.34, "Activation of Recovery Technical Support Ctr."
* General Public Utilities - GPU Service Corp. 84/11/13. 11pp. 27554:017. 24X Fiche:50-320,84/11/13,8411190271.

G. Adjudicatory correspondence

8411190533 Forwards D Gamble affidavit to add to package of pleadings. TMI Alert served on parties on 841101. W/o svc list. Related correspondence.
BERNABEI, L. Government Accountability Project. #484 152. 84/11/08. SMITH, I.W., WOLFE, S.J., LINENBERGER, G. Atomic Safety and Licensing Board Panel. 7pp. 27549:071. 24X Fiche:50-289,84/11/08,8411190533.

H. General correspondence

8411080289 Expresses concern re startup of plant.
CULVER, E. Affiliation Not Assigned. 84/11/04. SNYDER, B.J. TMI Program Office. 1p. 27391:330. 24X Fiche:50-289,84/11/04,8411080289.

P. Operating license stage documents & correspondence

8205030204 Forwards General Public Utils 820226 ltr requesting NRC to vacate 790522 order for preservation of records re TMI-2 accident. Requests comments on ltr or mod or clarification suggestions on order by 820419. W/o encl.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 82/04/13. MINGUE, R.B. Office of Nuclear Regulatory Research, Director. DAVIS, J.G. Office of Nuclear Material Safety & Safeguards, Director. DEVOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 1p. 27653:084. 24X Fiche:50-320,82/04/13,8205030204.

8411010602 Forwards 841018 memo re various analyses performed by NRC in support of activities associated w/TMI-2 leak rate criminal trial.
VAN VLIET, J. Operating Reactors Branch 4. 84/10/22. Operating Reactors Branch 4. 1p. 27251:123. 24X Fiche:50-289,84/10/22,8411010602.

--8411010612 Forwards JF Wilson 841004 ltr providing matl received from DOJ during plea bargaining negotiations associated w/TMI-2 leak rate criminal trial. Matl will be submitted to boards to TMI-1 restart proceeding.
CAPRA, R.A. Division of Systems Integration (post 811005). 84/10/18. VAN VLIET, J. Operating Reactors Branch 4. 2pp. 27251:124. 24X Fiche:50-289,84/10/22,8411010602.

--8411010623 Provides observations made during review of info for evaluation of potential correlation between airborne radionuclide concentration readings on reactor bldg atmospheric radiation monitor.
MODSLAK, T.A. NRC - No Detailed Affiliation Given. 83/07/22. MARTIN, T.T. NRC - No Detailed Affiliation Given. 74pp. 27251:177. 24X Fiche:50-289,84/10/22,8411010602.

8411020119 Notices of cancellation of fuel pool waste storage sys description. Sys removed. Description no longer applicable to operations. Evaluation complete & all fuel pool tanks disconnected & removed.
STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/10/30. SNYDER, B.J. TMI Program Office. 1p. 27257:077. 24X Fiche:50-320,84/10/30,8411020119.

8411050397 Forwards Rev 5 to Procedure 13587-2-L01-100, "General Project Design Criteria," modifying definitions for safety-related & important to safety to correspond exactly to TMI-2 recovery GA plan.
* STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/10/30. SNYDER, B.J. TMI Program Office. 1p. 27297:176. 24X Fiche:50-320,84/10/30,8411050397.

--8411050400 Rev 5 to Procedure 13587-2-L01-100, "General Project Design Criteria."
* General Public Utilities - GPU Service Corp. 84/10/16. 38pp. 27297:177. 24X Fiche:50-320,84/10/30,8411050397.

8411060372 Forwards updates to Rev 4 to "Design Criteria for Containment Air Control Envelope" & Rev 2 to technical evaluation rept. Info concerns recalculated releases & dose projections due to changes in methodology.
STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/10/30. SNYDER, B.J. TMI Program Office. 32pp. 27320:316. 24X Fiche:50-320,84/10/30,8411060372.

8411080499 Forwards summary of 841011 meeting w/util at site re polar crane main hoist brakes.
SNYDER, B.J. TMI Program Office. 84/10/30. STANDERFER, F.R. General Public Utilities - GPU Service Corp. 2pp. 27416:004. 24X Fiche:50-320,84/10/30,8411080499.

--8411050310 Summary of 841011 meeting w/GPU at site re recent discovery of problem w/polar crane main hoist brakes. List of attendees encl.
HALL, R.J. TMI Program Office. 84/10/24. SNYDER, B.J. TMI Program Office. 7pp. 27416:006. 24X Fiche:50-320,84/10/30,8411080499.

8411010080 PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT RELATED TO DECONTAMINATION AND DISPOSAL OF RADIOACTIVE WASTES RESULTING FROM MARCH 28, 1979 ACCIDENT, THREE MILE ISLAND NUCLEAR STATION, UNIT 2. Docket No 50-320 (GPU Nuclear, Incorporated)
* TMI Program Office. NUREG-0683 S01. 84/10/31. 175pp. 27260:118. 24X Fiche:50-320,84/10/31,8411010080.

8411060390 Requests that penetrations be exempted from compliance w/ modified definition of containment integrity in 840717 amend of order & be required to meet FSAR criteria. Lists of penetrations encl.
STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/10/31. SNYDER, B.J. TMI Program Office. 5pp. 27321:290. 24X Fiche:50-320,84/10/31,8411060390.

DOCKETED ITEMS

133

8411080313 Forwards Rev 0 to "SER for Heavy Load Handling Inside Containment." Unit work instructions that implement load handling over analyzed areas will no longer be submitted after approval of SER.
STANDERFER, F.R. General Public Utilities - GPU Service Corp.
84/11/01. SNYDER, B.J. TMI Program Office. 2pp. 27391:061. 24X Fiche: 50-320, 84/11/01, 8411080313.

--8411080318 Rev 0 to "SER for Heavy Load Handling Inside Containment."
* General Public Utilities - GPU Service Corp. 15737-2-607-105
R00. 84/10/31. 12pp. 27391:063. 24X Fiche: 50-320, 84/11/01, 8411080313.

8411080146 Forwards Rev 1 to "SER for Initial Plenum Lift." Initial lifting of plenum does not constitute unresolved safety question.
STANDERFER, F.R. General Public Utilities - GPU Service Corp.
84/11/02. SNYDER, B.J. TMI Program Office. 2pp. 27392:268. 24X Fiche: 50-320, 84/11/02, 8411080146.

--8411080181 Rev 1 to "SER for Initial Plenum Lift."
* General Public Utilities - GPU Service Corp. 15737-2-607-104
R01. 84/10/31. 12pp. 27392:270. 24X Fiche: 50-320, 84/11/02, 8411080146.

8411130745 Clarifies intent in issuing 840717 exemption from 10CFR50, App A, Criteria 2.50 & 51 requirements. Because of unique status of facility, requirements of Criteria 2.50 & 51 not considered applicable in all instances.
SNYDER, B.J. TMI Program Office. 84/11/05. STANDERFER, F.R. General Public Utilities - GPU Service Corp. 11pp. 27463:319. 24X Fiche: 50-320, 84/11/05, 8411130745.

8411150318 Forwards safety evaluation approving proposed recovery operations plan Change Request 24 re operability of standby pressure control sys.
TRAVERS, W.D. TMI Program Office. 84/11/05. STANDERFER, F.R. General Public Utilities - GPU Service Corp. 1p. 27530:282. 24X Fiche: 50-320, 84/11/05, 8411150318.

--8411150322 Safety evaluation approving proposed recovery operations plan Change Request 24 re operability of standby pressure control sys.
* NRC - No Detailed Affiliation Given. 84/11/05. 4pp. 27530:283. 24X Fiche: 50-320, 84/11/05, 8411150318.

8411090252 Forwards Rev 2 to "Standby Reactor Coolant Pressure Control Sys." Rev reflects design sys mods removing standby pressure control nitrogen pressurization sys.
STANDERFER, F.R. General Public Utilities - GPU Service Corp.
84/11/06. SNYDER, B.J. TMI Program Office. 1p. 27399:213. 24X Fiche: 50-320, 84/11/06, 8411090252.

--8411090274 Rev 2 to Procedure SD 3220-001 "Standby Reactor Coolant Pressure Control Sys."
* General Public Utilities - GPU Service Corp. 84/11/30. 38pp. 27399:214. 24X Fiche: 50-320, 84/11/06, 8411090252.

8411140213 Forwards application for amend to License DPR-73, consisting of Tech Spec Change Request 46, simplifying Tech Specs for water injection, core cooling & reactor pressure control sys.
STANDERFER, F.R. General Public Utilities - GPU Service Corp.
84/11/06. SNYDER, B.J. TMI Program Office. 2pp. 27469:225. 24X Fiche: 50-320, 84/11/06, 8411140213.

--8411140222 Application for amend to License DPR-73, consisting of Tech Change Request 46, simplifying Tech Specs for water injection, core cooling & reactor pressure control sys. Rev 0 to SER encl.
STANDERFER, F.R. General Public Utilities - GPU Service Corp.
84/11/06. 3pp. 27469:227. 24X Fiche: 50-320, 84/11/06, 8411140213.

--8411140229 Rev 0 to "SER for Simplification of Tech Specs for Water Injection Core Cooling & Reactor Pressure Control Sys."
* General Public Utilities - GPU Service Corp. 84/10/31. 41pp. 27469:230. 24X Fiche: 50-320, 84/11/06, 8411140213.

--8411140234 Proposed Tech Specs re water injection, core cooling & reactivity control sys.
* General Public Utilities - GPU Service Corp. 84/11/06. 12pp. 27469:271. 24X Fiche: 50-320, 84/11/06, 8411140213.

8411160169 Staff requirements memo re 841107 discussion in Washington, DC on cleanup schedule & funding.
CHILK, S.J. Office of the Secretary of the Commission. 84/11/07. Office of the Secretary of the Commission. 1p. 27561:359. 24X Fiche: 50-320, 84/11/07, 8411160169.

8411140381 Forwards Rev 0 to "Criticality Rept for RCS at TMI-2."
STANDERFER, F.R. General Public Utilities - GPU Service Corp.
84/11/08. SNYDER, B.J. TMI Program Office. 1p. 27468:307. 24X Fiche: 50-320, 84/11/08, 8411140381.

--8411140446 Rev 0 to "Criticality Rept for RCS at TMI-2."
* General Public Utilities - GPU Service Corp. 15737-2-N09-001
R00. 84/10/31. 60pp. 27468:308. 24X Fiche: 50-320, 84/11/08, 8411140381.

8411190383 Forwards revised technical evaluation rept, "Once-Through Steam Generator Layup Recirculation Sys."
STANDERFER, F.R. General Public Utilities - GPU Service Corp.
84/11/14. SNYDER, B.J. TMI Program Office. 1p. 27551:111. 24X Fiche: 50-320, 84/11/14, 8411190383.

--8411190386 Rev 2 to Technical Evaluation Rept 3224-009, "Once-Through Steam Generator Layup Recirculation Sys."
* General Public Utilities - GPU Service Corp. 84/11/30. 40pp. 27551:112. 24X Fiche: 50-320, 84/11/14, 8411190383.

8411190513 Forwards revised "Polar Crane Auxiliary Hoist Refurbishment Plan." Refurbishment & qualification of auxiliary hoist to original capacity intended. Plan subj to change based on actual conditions found during insps. Fee paid.
STANDERFER, F.R. General Public Utilities - GPU Service Corp.
84/11/14. SNYDER, B.J. TMI Program Office. 2pp. 27552:273. 24X Fiche: 50-320, 84/11/14, 8411190513.

--8411190522 Rev 1 to "Polar Crane Auxiliary Hoist Refurbishment Plan."
STANDERFER, F.R. General Public Utilities - GPU Service Corp.
84/11/02. 28pp. 27552:275. 24X Fiche: 50-320, 84/11/14, 8411190513.

8411280268 Agrees to supply approx 100 lb activated charcoal considered no longer usable because allowable shelf life expired, in response to request from R Bellamy & J Hayes of Meteorology & Effluent Treatment Branch.
STANDERFER, F.R. General Public Utilities - GPU Service Corp.
84/11/21. TRAVERS, W.D. TMI Program Office. 2pp. 27666:338. 24X Fiche: 50-320, 84/11/21, 8411280268.

G. Inspection reports, IE Bulletins & correspondence

8411260337 Forwards notice of initiation of investigation by Ofc of Investigations re allegations of former control room operator. Allegations involve falsification of leak rate tests results.
PALLADINO, N.J. Commissioners. 83/07/06. GILINSKY, ROBERTS, ABSELTINE Commissioners. 2pp. 27651:346. 24X Fiche: 50-320, 83/07/06, 8411260337.

8411160114 Forwards Enforcement Conference Rept 50-320/84-13 on 840525-0629 & notice of violation.
STAROSTECKI, R. Region 1, Office of Director. 84/10/09.
KINTNER, E.E. General Public Utilities - GPU Service Corp. 2pp. 27544:329. 24X Fiche: 50-320, 84/10/09, 8411160114.

--8411160119 Notice of violation from insp on 840525-0629.
* Region 1, Office of Director. 84/10/09. 1p. 27544:331. 24X Fiche: 50-320, 84/10/09, 8411160114.

--8411160125 Enforcement Conference Rept 50-320/84-13 on 840529-0629.
Violation noted: between 840511 & 19, while Containment Isolation Valve AH-V-4A inoperable. Penetration 551 not maintained closed.
COOK, R., THOMAS, L. Region 1, Office of Director. 84/10/01. 3pp. 27544:332. 24X Fiche: 50-320, 84/10/09, 8411160114.

841120076 Forwards Insp Rept 50-320/84-12 on 840627-0801. No noncompliance noted.
TRAVERS, W.D. TMI Program Office. 84/10/10. STANDERFER, F. General Public Utilities - GPU Service Corp. 2pp. 27437:245. 24X Fiche: 50-320, 84/10/10, 841120076.

--841120082 Insp Rept 50-320/84-12 on 840627-0801. No noncompliance noted. Major areas inspected: QA plan, including safety classification design engineering controls, procurement, QC insps & document control.
GOLDBERG, S. Division of QA, Safeguards & Inspection Programs (Post 830103). MOSLAK, T. TMI Program Office. NILSON, R. Battelle Memorial Institute, Pacific Northwest Laboratories. 84/10/04. 23pp. 27437:247. 24X Fiche: 50-320, 84/10/10, 841120076.

8411130330 Forwards Insp Rept 50-320/84-17 on 840802-0920. No violations noted.
TRAVERS, W.D. TMI Program Office. 84/10/18. STANDERFER, F. General Public Utilities - GPU Service Corp. 2pp. 27459:016. 24X Fiche: 50-320, 84/10/18, 8411130330.

--8411130338 Insp Rept 50-320/84-17 on 840802-0920. No violations noted. Major areas inspected: licensee action on previous insp findings, plant operations, including surveillance testing, plant mods & radioactive matl shipments.
COOK, R., MOSLAK, T., BARR, K. Region 1, Office of Director. 84/10/12. 8pp. 27459:018. 24X Fiche: 50-320, 84/10/18, 8411130330.

DOCKETED ITEMS

8411060108 Forwards "Rept of Bechtel North American Power Corp re Allegations of RD Parks: Oct 1984," to be used for enforcement review. W/o encl.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director.
84/10/23. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 1p. 27383:272. 24X Fiche: 50-289, 84/10/23, 8411060108.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411140168 Responds to IE Bulletin 84-03, "Refueling Cavity Water Seal." Bulletin not applicable because util has no plans to flood refueling cavity in vicinity of vessel seal ring during current or future recovery operations.
STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/10/31. MURLEY, T.E. Region 1, Office of Director. 3pp. 27464:140. 24X Fiche: 50-320, 84/10/31, 8411140168.

8411120318 Responds to NRC 841002 ltr re violations noted in Insp Rept 50-320/84-08. Corrective actions: training conducted from Aug-Oct 1984 for document preparers & technical reviewers in completing 10CFR50.59 evaluations.
STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/11/01. MURLEY, T.E. Region 1, Office of Director. 5pp. 27427:029. 24X Fiche: 50-320, 84/11/01, 8411120318.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411160303 Responds to NRC ltr re noncompliance noted in Insp Rept 50-320/84-13. Corrective actions: LER-84-07 incorporated into document preparer/responsible technical reviewer training conducted during Aug-Oct 1985.
STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/11/06. MURLEY, T.E. Region 1, Office of Director. 3pp. 27541:209. 24X Fiche: 50-320, 84/11/06, 8411160303.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411010078 Forwards TMI Program Ofc weekly status rept for wk of 841013-21.
TRAVERS, W.D. TMI Program Office. 84/10/22. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. SNYDER, B.J. TMI Program Office. 4pp. 27266:359. 24X Fiche: 50-320, 84/10/22, 8411010078.

8411080613 Forwards TMI Program Ofc weekly status rept for wk of 841021-27.
TRAVERS, W.D. TMI Program Office. 84/10/29. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. SNYDER, B.J. TMI Program Office. 4pp. 27406:304. 24X Fiche: 50-320, 84/10/29, 8411080613.

8411190349 Forwards TMI Program Ofc weekly status rept for wk of 841104-09.
TRAVERS, W.D. TMI Program Office. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. SNYDER, B.J. TMI Program Office. 5pp. 27584:005. 24X Fiche: 50-320, 84/11/09, 8411190349.

8411270537 Forwards TMI Program Ofc weekly status rept for wk of 841110-17.
TRAVERS, W.D. TMI Program Office. 84/11/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. SNYDER, B.J. TMI Program Office. 11pp. 27671:218. 24X Fiche: 50-320, 84/11/19, 8411270537.

8411260387 Submits periodic rept presenting results of program conducted to detect leakage of radioactive water to groundwater. Supporting documentation encl.
STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/11/20. TRAVERS, W.D. TMI Program Office. 38pp. 27610:008. 24X Fiche: 50-320, 84/11/20, 8411260387.

S. Reportable occurrences, LERs & related correspondence

8411060177 LER 83-012/03X-1: on 830329, pressure of bottle EI-4C found below chart in Surveillance Procedure 4331-SA1. Caused by failure to perform calculation in timely manner. Bottle repressurized & personnel counseled. W/841025 ltr.
WELLS, R.D., STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/10/25. 4pp. 27351:334. 24X Fiche: 50-320, 84/10/25, 8411060177.

8411060543 LER 83-049/03X-1: on 830924, generator A declared inoperable for failing operability test acceleration requirement. Caused by defective control box for diesel governor. Control box replaced.
WELLS, R.D., STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/10/25. 4pp. 27350:316. 24X Fiche: 50-320, 84/10/25, 8411060543.

8411060552 LER 83-015/03X-1: on 830527, one Halon bottle found below spec (low pressure/weight). Caused by pressure test connection valve left cracked open. Bottle replaced. W/841025 ltr.
WELLS, R.D., STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/10/25. 4pp. 27350:226. 24X Fiche: 50-320, 84/10/25, 8411060552.

8411210381 LER 84-017-00: on 841024, TMI Flood Protection Dike semiannual insp revealed degraded sections of submerged toe of dike. Possibly caused by pumphouse area dredging. W/841102 ltr.
AUGER, J.C., STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/11/02. MURLEY, T.E. Region 1, Office of Director. 2pp. 27607:336. 24X Fiche: 50-320, 84/11/02, 8411210381.

8411210476 LER 84-018-00: on 841012, diesel generator A out of svc for more than 7 days, exceeding action statement of Tech Spec 3.8.1.1. Caused by replacement of cylinder assembly due to leak in diesel generator DF-X-1A. W/841113 ltr.
WELLS, R.D., STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/11/13. 4pp. 27607:057. 24X Fiche: 50-320, 84/11/13, 8411210476.

8411280334 LER 84-019-00: on 841018, fuel handling bldg ventilation sys exhaust flowrate found below Tech Spec limits. Condition present during radwaste processing. Caused by drive belt failure. Exhaust fans secured. W/841115 ltr.
WELLS, R.D., STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/11/15. 5pp. 27689:140. 24X Fiche: 50-320, 84/11/15, 8411280334.

8411280563 LER 84-020-00: on 841017, RCS samples obtained through temporary nuclear sampling sys not representative of reactor vessel vol. Caused by sample line not being adequately purged prior to drawing sample. Procedures revised. W/841116 ltr.
AUGER, J.C., STANDERFER, F.R. General Public Utilities - GPU Service Corp. 84/11/16. 4pp. 27689:118. 24X Fiche: 50-320, 84/11/16, 8411280563.

T. Hearing transcripts on non-antitrust matters

8411210160 Transcript of Commission 841107 public meeting in Washington, DC re TMI-2 cleanup schedule & funding.
Pp 1-77. Supporting documentation encl.
* Commissioners. 84/11/07. 147pp. 27625:106. 24X Fiche: 50-320, 84/11/07, 8411210160.

DOCKETED ITEMS

135

DOCKET 50-321 EDWIN I. HATCH NUCLEAR PLANT, UNIT 1

F. Security, medical, emergency & fire protection plans

8411130062 Revises schedule for submission of emergency exercise info. Detailed exercise scenario should be submitted 45 days in advance, not 20 days as previously required.
LEWIS, R. C. Division of Project & Resident Programs. 84/10/11.
KELLY, R. J. Georgia Power Co. 2pp. 27460:297. 24X
Fiche: 50-000, 84/10/11, 8411130062.

8411140562 Forwards Insp Repts 50-321/84-38 & 50-366/84-38 on 840911-17. No violations or deviations noted.
BROWNLEE, V. L. Region 2, Office of Director. 84/10/11. KELLY, R. J. Georgia Power Co. 2pp. 27495:132. 24X Fiche: 50-321, 84/10/11, 8411140562.

--8411140566 Insp Repts 50-321/84-38 & 50-366/84-38 on 840911-17. No violations or deviations noted. Major areas inspected: emergency preparedness.
CUNNINGHAM, A. L., CLINE, W. E. Region 2, Office of Director. 84/10/11. 6pp. 27495:134. 24X Fiche: 50-321, 84/10/11, 8411140562.

8411090115 Forwards "Detailed Control Room Design Review Program Plan." per NUREG-0737, Suppl 1, "Requirements for Emergency Response Capability (Generic Ltr 82-33)."
GUCHA, L. T. Georgia Power Co. 84/10/23. STOLZ, J. F. Operating Reactors Branch 4. 2pp. 27402:101. 24X Fiche: 50-321, 84/10/23, 8411090115.

--8411090122 "Detailed Control Room Design Review Program Plan."
* Georgia Power Co. 84/10/31. 88pp. 27402:103. 24X
Fiche: 50-321, 84/10/23, 8411090115.

8411050321 Provides basis for request for exemption from 10CFR50.48 requirements re implementation of non-outage related 10CFR50, App R mods. Fire protection enhancement program cannot be implemented within expected time frame.
GUCHA, L. T. Georgia Power Co. 84/10/26. STOLZ, J. F. Operating Reactors Branch 4. 3pp. 27297:220. 24X Fiche: 50-321, 84/10/26, 8411050321.

8411150206 Ack receipt of 841012 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-321/84-32 & 50-366/84-32.
DANCE, H. C. Region 2, Office of Director. 84/10/26. KELLY, R. J. Georgia Power Co. 1p. 27529:307. 24X Fiche: 50-321, 84/10/26, 8411150206.

--8411150212 Responds to NRC 840917 ltr re violations noted in Insp Repts 50-321/84-32 & 50-366/84-32. Corrective actions: fire hose arranged in accordion fold & connected to hydrant & damaged hydrant wrenches replaced.
GUCHA, L. T. Georgia Power Co. 84/10/12. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27529:308. 24X Fiche: 50-321, 84/10/26, 8411150206.

--8411150223 Notice of violation from insp on 840821-24.
* Region 2, Office of Director. 84/09/17. 1p. 27529:312. 24X
Fiche: 50-321, 84/10/26, 8411150206.

--8411150230 Insp Repts 50-321/84-32 & 50-366/84-32 on 840821-24. Violation noted: failure to follow insp instructions for 60-day hydrant house equipment insp per surveillance procedure.
MADDERN, P. M., CONLON, T. E. Region 2, Office of Director. 84/09/14. 9pp. 27529:313. 24X Fiche: 50-321, 84/10/26, 8411150206.

8411120262 Ack receipt of 840806 response to 840710 notice of violation & proposed imposition of civil penalty. No mitigation warranted for proposed civil penalty per encl order. Order withheld (ref 10CFR2.790).
TAYLOR, J. M. Director's Office, Office of Inspection and Enforcement. 84/11/01. KELLY, R. J. Georgia Power Co. 2pp. 27435:361. 24X
Fiche: 50-321, 84/11/01, 8411120262.

8411120245 Revised emergency implementing procedures, including HNP-1-4205 re turbine lube oil reservoir oil fire, HNP-1-4206 re turbine lube oil conditioner & storage fire & HNP-1-4219 re battery fire. W/841105 ltr.
SORRELL, E. C. Georgia Power Co. 84/11/05. 88pp. 27430:073. 24X
Fiche: 50-321, 84/11/05, 8411120245.

8411160307 Revised emergency implementing procedures, including HNP-8103 re portable neutron rem counter PNR-4 operation & calibr & HNP-8045 re protective clothing requirements for operating machinery in hot machine shop. W/841109 ltr.
SORRELL, E. C. Georgia Power Co. 84/11/09. 20pp. 27537:284. 24X
Fiche: 50-321, 84/11/09, 8411160307.

P. Operating license stage documents & correspondence

8411010177 Discusses util request to extend deadline for environ qualification of electrical equipment until Fall 1985 re-fueling outage. Addl info. to complete review requested by 841019.
EISENHUT, D. G. Division of Licensing. 84/10/12. BECKHAM, J. T. Georgia Power Co. 3pp. 27271:318. 24X Fiche: 50-321, 84/10/12, 8411010177.

8411050301 Advises that response to NUREG-0737, Item II.K.3.16 re failure of safety relief valve to close under LOCA acceptable. Task resolved.
STOLZ, J. F. Operating Reactors Branch 4. 84/10/19. BECKHAM, J. T. Georgia Power Co. 1p. 27310:347. 24X Fiche: 50-321, 84/10/19, 8411050301.

8411060539 Forwards updated safety evaluation re TMI Action Plan Item II.E.2.7. "Primary Containment High Radiation to Close Vent & Purge Valves." Units in noncompliance w/approved guidance. Action requested to achieve compliance as practicable.
STOLZ, J. F. Operating Reactors Branch 4. 84/10/23. BECKHAM, J. T. Georgia Power Co. 5pp. 27384:098. 24X Fiche: 50-321, 84/10/23, 8411060539.

8411030493 Advises that fee received for 840912 application to amend definition of operability will be applied to 840712 application for Tech Spec changes.
DIQGS, R. M. License Fee Management Branch. 84/10/25. BECKHAM, J. J. Georgia Power Co. 1p. 27289:344. 24X Fiche: 50-321, 84/10/25, 8411030493.

8411050069 Forwards executed certificate of pollution control facilities, per util 840820 request.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 84/10/25. BECKHAM, J. T. Georgia Power Co. 5pp. 27325:328. 24X
Fiche: 50-321, 84/10/25, 8411050069.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X
Fiche: 50-000, 84/10/26, 8410290050.

8411140397 Requests copy of training lesson plans & procedures to evaluate effectiveness of training & procedures in preparing operating personnel to respond to seismic event.
STOLZ, J. F. Operating Reactors Branch 4. 84/10/30. BECKHAM, J. T. Georgia Power Co. 2pp. 27525:001. 24X Fiche: 50-321, 84/10/30, 8411140397.

8411140029 Denies request for extension on containment mod completion schedule due to request not in application form. Only two units have not completed mods. NRC unlikely to extend required completion date based on info.
EISENHUT, D. G. Division of Licensing. 84/10/31. BECKHAM, J. T. Georgia Power Co. 3pp. 27496:358. 24X Fiche: 50-321, 84/10/31, 8411140029.

8411200037 Requests addl info re justification to support extension of deadline for environ qualification of electrical equipment important to safety. Response requested by 841109.
EISENHUT, D. G. Division of Licensing. 84/10/31. BECKHAM, J. T. Georgia Power Co. 5pp. 27588:341. 24X Fiche: 50-321, 84/10/31, 8411200037.

8411120102 Forwards response to NRC 841031 request for addl info re 840706 request for extension to scheduler requirements of 10CFR50.49(g) for certain electrical equipment due to test complications & procurement lead times.
CONWAY, R. E. Georgia Power Co. 84/11/02. STOLZ, J. F. Operating Reactors Branch 4. 15pp. 27429:219. 24X Fiche: 50-321, 84/11/02, 8411120102.

8411200032 Approves request to withhold GE NEDE 30238, "EI Hatch Nuclear Power Station Unit 1, Feedwater Nozzle Fracture..." & NEDE 30256, "EI Hatch Nuclear Power Station Unit 2, Feedwater Nozzle Fracture Mechanics Analysis."
STOLZ, J. F. Operating Reactors Branch 4. 84/11/05. BECKHAM, J. T. Georgia Power Co. 3pp. 27588:346. 24X Fiche: 50-321, 84/11/05, 8411200032.

8411190508 Forwards revised Page 4-28a re HPCI sys steam line high differential pressure trip instruments, per 841005 & 18 proposed Tech Spec changes to analog transmitter trip sys. Process used to arrive at instrument setpoints described.
GUCHA, L. T. Georgia Power Co. 84/11/06. STOLZ, J. F. Operating Reactors Branch 4. 3pp. 27550:105. 24X Fiche: 50-321, 84/11/06, 8411190508.

DOCKETED ITEMS

B411210140 Application to amend Licenses DPR-57 & NPF-5, in response to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Amend revises Tech Specs re limiting conditions for operation. Fee paid.
CONWAY, R.E. Georgia Power Co. 84/11/07. STOLZ, J.F. Operating Reactors Branch 4. 14pp. 27593:068. 24X Fiche: 50-321, 84/11/07, 8411210140.

--B411210150 Proposed Tech Spec changes re limiting conditions for operation, surveillance requirements & bases for diesel generator operability, in response to Generic Ltr 84-15.
* Georgia Power Co. 84/11/07. 53pp. 27593:082. 24X Fiche: 50-321, 84/11/07, 8411210140.

B411200065 Notification of B41116 meeting w/util in Bethesda, MD to discuss discrepancies w/FSAR re seismic analyses for facilities.
HERMANN, R. Operating Reactors Branch 4. 84/11/08. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27598:052. 24X Fiche: 50-321, 84/11/08, 8411200065.

B411190554 Forwards revised response to Item 3 in B41102 submittal of addl info re percentage of contract workers accumulating significant overtime hours during Unit 2 equipment qualification program.
GUCWA, L.T. Georgia Power Co. 84/11/12. STOLZ, J.F. Operating Reactors Branch 4. 3pp. 27552:303. 24X Fiche: 50-321, 84/11/12, 8411190554.

B411200006 Responds to B41023 revised safety evaluation of NUREG-0737, Item II.E.4.2(7) re high radiation isolation of containment purge & vent valves. BWR Owners Group reviewing change in isolation signal requirement.
GUCWA, L.T. Georgia Power Co. 84/11/13. STOLZ, J.F. Operating Reactors Branch 4. 1p. 27378:044. 24X Fiche: 50-321, 84/11/13, 8411200006.

B411260384 Application for amends to Licenses DPR-57 & NPF-5, changing Tech Specs to revise limiting conditions for operation & surveillance requirements for safety-related hydraulic snubbers. Fee paid.
BECKHAM, J.T. Georgia Power Co. 84/11/19. STOLZ, J.F. Operating Reactors Branch 4. 3pp. 27609:315. 24X Fiche: 50-321, 84/11/19, 8411260384.

--B411260391 Proposed Tech Specs revising limiting conditions for operation & surveillance requirements for safety-related hydraulic snubbers & establishing requirements for safety-related mechanical snubbers.
* Georgia Power Co. 84/11/19. 30pp. 27609:318. 24X Fiche: 50-321, 84/11/19, 8411260384.

G. Inspection reports, IE Bulletins & correspondence

B411150194 Ack receipt of B40912 ltr informing NRC of steps taken to correct violation noted in Insp Repts 50-321/84-28 & 50-366/84-28.
LEWIS, R.C. Region 2, Office of Director. 84/10/03. KELLY, R.J. Georgia Power Co. 1p. 27529:322. 24X Fiche: 50-321, 84/10/03, 8411150194.

--B411150197 Responds to NRC B40820 ltr re violation noted in Insp Repts 50-321/84-28 & 50-366/84-28. Violation re posting radiation area denied.
GUCWA, L.T. Georgia Power Co. 84/09/12. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27529:323. 24X Fiche: 50-321, 84/10/03, 8411150194.

--B411150202 Forwards Insp Repts 50-321/84-28 & 50-366/84-28 on B40716-2 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/08/20. KELLY, R.J. Georgia Power Co. 2pp. 27529:326. 24X Fiche: 50-321, 84/10/03, 8411150194.

--B411150205 Notice of violation from insp on B40716-20.
* Region 2, Office of Director. 84/08/20. 1p. 27529:328. 24X Fiche: 50-321, 84/10/03, 8411150194.

--B411150210 Insp Repts 50-321/84-28 & 50-366/84-28 on B40716-20. Violation noted: failure to post radiation area.
PEERY, W.W., JENKINS, G.R. Region 2, Office of Director. 84/08/08. 7pp. 27529:329. 24X Fiche: 50-321, 84/10/03, 8411150194.

B411140527 Forwards Insp Repts 50-321/84-40 & 50-366/84-40 on B40925-28. No violation or deviation noted.
DANCE, H.C. Region 2, Office of Director. 84/10/11. KELLY, R.J. Georgia Power Co. 2pp. 27495:201. 24X Fiche: 50-321, 84/10/11, 8411140527.

--B411140532 Insp Repts 50-321/84-40 & 50-366/84-40 on B40925-28. No violation or deviation noted. Major areas inspected: post-refueling startup tests.
BURNETT, P.T., JAPE, F. Region 2, Office of Director. 84/10/10. 5pp. 27495:203. 24X Fiche: 50-321, 84/10/11, 8411140527.

B411140562 Forwards Insp Repts 50-321/84-38 & 50-366/84-38 on B40911-17. No violations or deviations noted.
BROWNLEE, V.L. Region 2, Office of Director. 84/10/11. KELLY, R.J. Georgia Power Co. 2pp. 27495:132. 24X Fiche: 50-321, 84/10/11, 8411140562.

--B411140566 Insp Repts 50-321/84-38 & 50-366/84-38 on B40911-17. No violations or deviations noted. Major areas inspected: emergency preparedness.
CUNNINGHAM, A.L., CLINE, W.E. Region 2, Office of Director. 84/10/11. 6pp. 27495:134. 24X Fiche: 50-321, 84/10/11, 8411140562.

B411150257 Ack receipt of B40925 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-321/84-30.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. KELLY, R.J. Georgia Power Co. 1p. 27528:257. 24X Fiche: 50-321, 84/10/11, 8411150257.

--B411150265 Responds to NRC B40830 ltr re violations noted in Insp Rept 50-321/84-30. Corrective actions: Snubbers E11-RHRH-193 & E11-RHRH-199 reinstalled & meeting conducted to emphasize equipment clearance & tagging & welding procedures.
GUCWA, L.T. Georgia Power Co. 84/09/25. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27528:258. 24X Fiche: 50-321, 84/10/11, 8411150257.

--B411150271 Forwards Insp Repts 50-321/84-30 & 50-366/84-30 on B40721-0820 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/08/30. KELLY, R.J. Georgia Power Co. 2pp. 27528:275. 24X Fiche: 50-321, 84/10/11, 8411150257.

--B411150275 Notice of violation from insp on B40721-0820.
* Region 2, Office of Director. 84/08/30. 1p. 27528:277. 24X Fiche: 50-321, 84/10/11, 8411150257.

--B411150281 Insp Repts 50-321/84-30 & 50-366/84-30 on B40721-0820. Violation noted: failure to follow procedures/instructions for removal of Snubbers E11-RHRH-193 & E11-RHRH-199.
CRLENJAK, R.V., HOLMES-RAY, P., PANCIERA, V.W. Region 2, Office of Director. 84/08/29. 5pp. 27528:278. 24X Fiche: 50-321, 84/10/11, 8411150257.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post B30103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

B411150206 Ack receipt of B41012 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-321/84-32 & 50-366/84-32.
DANCE, H.C. Region 2, Office of Director. 84/10/26. KELLY, R.J. Georgia Power Co. 1p. 27529:307. 24X Fiche: 50-321, 84/10/26, 8411150206.

--B411150212 Responds to NRC B40917 ltr re violations noted in Insp Rept 50-321/84-32 & 50-366/84-32. Corrective actions: fire hose arranged in accordion fold & connected to hydrant & damaged hydrant wrenches replaced.
GUCWA, L.T. Georgia Power Co. 84/10/12. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27529:308. 24X Fiche: 50-321, 84/10/26, 8411150206.

--B411150216 Forwards Insp Repts 50-321/84-32 & 50-366/84-32 on B40821-24 & notice of violation.
DANCE, H.C. Region 2, Office of Director. 84/09/17. KELLY, R.J. Georgia Power Co. 2pp. 27529:310. 24X Fiche: 50-321, 84/10/26, 8411150206.

--B411150223 Notice of violation from insp on B40821-24.
* Region 2, Office of Director. 84/09/17. 1p. 27529:312. 24X Fiche: 50-321, 84/10/26, 8411150206.

--B411150230 Insp Repts 50-321/84-32 & 50-366/84-32 on B40821-24. Violation noted: failure to follow insp instructions for 60-day hydrant house equipment insp per surveillance procedure.
MADDEN, P.M., CONLON, T.E. Region 2, Office of Director. 84/09/14. 9pp. 27529:313. 24X Fiche: 50-321, 84/10/26, 8411150206.

8411050041 EN-84-040A: on 841101, notice of violation & proposed imposition of civil penalty in amount of \$60,000 issued to licensee. Action based on violation involving control of access to protection area.
ROBINSON, P., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/01. 1p. 27301:356. 24X Fiche: 50-321, 84/11/01, 8411050041.

841120262 Ack receipt of 840806 response to 840710 notice of violation & proposed imposition of civil penalty. No mitigation warranted for proposed civil penalty, per encl order. Order withheld (ref 10CFR2.790).
TAYLOR, J.M. Director's Office, Office of Inspection and Enforcement. 84/11/01. KELLY, R.J. Georgia Power Co. 2pp. 27435:361. 24X Fiche: 50-321, 84/11/01, 841120262.

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411130602 Monthly operating repts for Sept 1984. W/841005 ltr.
MCBAY, M.G., NIX, H.C. Georgia Power Co. 84/09/30. 16pp. 27461:339. 24X Fiche: 50-321, 84/09/30, 8411130602.

S. Reportable occurrences, LERs & related correspondence

8411290219 FOIA request for documents re electrical relay failures including Class IE relay failures at listed plants & utilization of GE Type HFA 51 Series ac relays or other relays using Lexan coil spool matl.
BELL, N. Nuclear Information & Resource Service. 84/04/25. Office of Administration. 2pp. 27698:352. 24X Fiche: 50-000, 84/04/25, 8411290219.

8411290240 Partial response to FOIA request for documents re electrical relay failures, including 1983 Class IE relay failures at listed plants. Documents listed on encl printouts available in PDR.
FELTON, J.M. Division of Rules and Records. 84/05/17. BELL, N. Nuclear Information & Resource Service. 2pp. 27698:354. 24X Fiche: 50-000, 84/05/17, 8411290240.

8411030533 Forwards AEOD Engineering Evaluation Rept AEOD/E422. "HPCI Sys Performance at EI Hatch Units 1 & 2." Monitoring of safety sys performance at plant need not be separated from generic studies of similar sys.
WOLF, T.R. Reactor Operations Analysis Branch. 84/08/27. SEYFRIT, K.V. Reactor Operations Analysis Branch. 2pp. 27289:268. 24X Fiche: 50-321, 84/08/27, 8411030533.

--8411030538 "HPCI Sys Performance at EI Hatch Units 1 & 2."
WOLF, T. Reactor Operations Analysis Branch. 84/08/27. 35pp. 27289:270. 24X Fiche: 50-321, 84/08/27, 8411030533.

8411010340 LER 84-014-00: on 841011, unit shut down due to IGSCC of recirculation piping & RHR. Caused by possible fabrication &/or const inadequacies. Engineering & safety consequence being assessed. W/841018 ltr.
ELTON, T.L., NIX, H.C. Georgia Power Co. 84/10/18. 3pp. 27249:311. 24X Fiche: 50-321, 84/10/18, 8411010340.

8411160068 LER 83-092/03X-1: on 831004, during performance of fire barrier penetration surveillance procedure, 10 plant subsystems had degraded fire barriers. Caused by improper installation. Fire barriers will be repaired. W/841020 ltr.
ELTON, T.L., NIX, H.C. Georgia Power Co. 84/10/20. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27544:162. 24X Fiche: 50-321, 84/10/20, 8411160068.

8411080566 LER 81-035/03X-1: on 810426, standby svc water sys would not deliver rated flow. Caused by svc water isolation valve 1P41-F402A not opening. Valve repaired & successfully retested. W/841025 ltr.
ELTON, T.L., NIX, H.C. Georgia Power Co. 84/10/25. 4pp. 27396:354. 24X Fiche: 50-321, 84/10/25, 8411080566.

8411090366 LER 84-016-00: on 840929, reactor protection sys logic actuation occurred from erratic reactor water level A instruments 1B21-NO17A & B. Caused by air trapped in instrument lines. Variable lag backfilled. W/841025 ltr.
ELTON, T.L., NIX, H.C. Georgia Power Co. 84/10/25. 3pp. 27416:294. 24X Fiche: 50-321, 84/10/25, 8411090366.

8411210082 LER 83-109/03X-1: on 831114, silicone foam substituted for Nelson blocks in Nelson frames 1R43-1Z2B1 & 1R43-1Z2B2, degrading fire protection capability of both penetrations. Caused by personnel error. W/841025 ltr.
ELTON, T.L., NIX, H.C. Georgia Power Co. 84/10/25. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27606:021. 24X Fiche: 50-321, 84/10/25, 8411210082.

8411160126 LER 84-017-00: on 841008, primary containment valves & penetration discovered leaking in excess of specified limits. Cause undetermined. Valves will be repaired prior to startup. W/841101 ltr.
ELTON, T.L., NIX, H.C. Georgia Power Co. 84/11/01. 6pp. 27544:318. 24X Fiche: 50-321, 84/11/01, 8411160126.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411190144 Notification of 841115 meeting w/util in Bethesda, MD to discuss cracking in recirculation sys piping, core spray sparger & instrument tubes.
HERMANN, R. Operating Reactors Branch 4. 84/11/08. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27583:010. 24X Fiche: 50-321, 84/11/08, 8411190144.

8411210481 LER 84-019-00: on 841011, outer clamp on seismic restraint for RHR svc water pump E11-C001B discovered missing. Caused by inadequate const/installation. Clamp will be replaced during pump reassembly. W/841109 ltr.
ELTON, T.L., NIX, H.C. Georgia Power Co. 84/11/09. 4pp. 27607:071. 24X Fiche: 50-321, 84/11/09, 8411210481.

8411200384 LER 84-021-00: on 841019, half scram occurred in Channel A due to wire shorted to live circuit in panel H11-P609. Caused by personnel error. Scram condition cleared. Personnel counseled to use caution while working. W/841111 ltr.
ELTON, T.L., NIX, H.C. Georgia Power Co. 84/11/11. 3pp. 27589:036. 24X Fiche: 50-321, 84/11/11, 8411200384.

V. Operator Examinations

8411140512 Confirms 841016 telcon between VL Brownlee & JT Beckham re results of simulator requalification exams administered to reactor operators & senior operators on 840918. Meeting scheduled to discuss exam results during 841022-26.
O'REILLY, J.P. Region 2, Office of Director. 84/10/16. KELLY, R.J. Georgia Power Co. 3pp. 27495:271. 24X Fiche: 50-321, 84/10/16, 8411140512.

8411150109 Confirms 841023 mgt meeting at Region II ofc to discuss licensed operator qualifications & training at facility.
LEWIS, R.C. Region 2, Office of Director. 84/10/22. KELLY, R.J. Georgia Power Co. 2pp. 27529:362. 24X Fiche: 50-321, 84/10/22, 8411150109.

DOCKETED ITEMS

DOCKET 50-322 SHOREHAM NUCLEAR POWER STATION

A. Application/construction stage documents & correspondence

8411150144 Notifies that 840912 Rev 4 to offsite dose calculation manual acceptable. Manual consistent w/methodology & guidelines in NUREG-0133 & in compliance w/Section 6.14.1 of final draft Tech Specs issued w/NRC 840914 ltr. SCHWENCER, A. Licensing Branch 2. 84/10/31. LEONARD, J. D. Long Island Lighting Co. 4pp. 27543:206. 24X Fiche: 50-322, 84/10/31, 8411150144.

8411160347 Forwards exemption requests for containment isolation. MSIV-App J testing, seismic qualifications & remote shutdown. per NRC request resulting from Commission Order CLI-84-B. LEONARD, J. D. Long Island Lighting Co. 84/11/09. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 26pp. 27533:115. 24X Fiche: 50-322, 84/11/09, 8411160347.

8411160278 Forwards addl info re FSAR Chapter 13, "Conduct of Operations," submitted as part of Amend 51 to license application. Resumes for watch engineers assigned to shift crews encl. per Reg Guide 1.6. LEONARD, J. D. Long Island Lighting Co. 84/11/12. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 35pp. 27542:209. 24X Fiche: 50-322, 84/11/12, 8411160278.

8411160325 Discusses development of methodology used to establish trip setpoint. Util will utilize licensing review group methodology or internally developed methodology to resolve remaining items of issue. LEONARD, J. D. Long Island Lighting Co. 84/11/12. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27536:217. 24X Fiche: 50-322, 84/11/12, 8411160325.

8411260228 Notification of 841116 meeting w/util in Wading River, NY to discuss operation readiness. CARUSO, R. Licensing Branch 2. 84/11/14. SCHWENCER, A. Licensing Branch 2. 2pp. 27646:362. 24X Fiche: 50-322, 84/11/14, 8411260228.

8411210267 Provides addl clarification of response to NRC queries re Chapter 13 of Amend 51 to license application re definition of area in which control room senior reactor operator will perform duties. LEONARD, J. D. Long Island Lighting Co. 84/11/15. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27591:134. 24X Fiche: 50-322, 84/11/15, 8411210267.

F. Security, medical, emergency & fire protection plans

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region 1. MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. DALTROFF, S. Philadelphia Electric Co. KENYON, B. D. Pennsylvania Power & Light Co. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411070079 Forwards Rev 9 to security plan. Rev withheld (ref 10CFR73.21). LEONARD, J. D. Long Island Lighting Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27364:013. 24X Fiche: 50-322, 84/11/05, 8411070079.

8411200343 Forwards "Shoreham Nuclear Power Station Emergency Response Capability Program Plan (NUREG-0737, Suppl 1)." Plan addresses concerns raised in NRC 831212 ltr. LEONARD, J. D. Long Island Lighting Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27572:001. 24X Fiche: 50-322, 84/11/05, 8411200343.

--8411200344 "Shoreham Nuclear Power Station Emergency Response Capability Program Plan (NUREG-0737, Suppl 1)." * Long Island Lighting Co. 84/11/30. 127pp. 27572:002. 24X Fiche: 50-322, 84/11/05, 8411200343.

8411160347 Forwards exemption requests for containment isolation. MSIV-App J testing, seismic qualifications & remote shutdown. per NRC request resulting from Commission Order CLI-84-B. LEONARD, J. D. Long Island Lighting Co. 84/11/09. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 26pp. 27533:115. 24X Fiche: 50-322, 84/11/09, 8411160347.

8411210218 Forwards statement of objectives to be demonstrated at exercise of emergency preparedness & local emergency response organization plans scheduled for wk of 850211, for review & transmittal to FEMA. Meeting requested. LEONARD, J. D. Long Island Lighting Co. 84/11/14. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 12pp. 27591:016. 24X Fiche: 50-322, 84/11/14, 8411210218.

8411210259 Forwards "LILCO Transition Plan for Shoreham - Rev 4" & legal concerns identified during review of Revs 3 & 4. SPECK, S. W. Federal Emergency Management Agency. 84/11/15. DIRCKS, W. F. Office of the Executive Director for Operations. 3pp. 27591:243. 24X Fiche: 50-322, 84/11/15, 8411210259.

--8411210263 "LILCO Transition Plan for Shoreham - Rev 4." Concerns re legal authority identified during regional assistance committee review of Revs 3 & 4 encl. * Federal Emergency Management Agency. 84/10/12. 69pp. 27591:246. 24X Fiche: 50-322, 84/11/15, 8411210259.

8411290277 Forwards Insp Rept 50-322/84-39 on 841001-31. No violation noted. KISTER, H. B. Division of Project & Resident Programs. 84/11/23. LEONARD, J. D. Long Island Lighting Co. 4pp. 27678:193. 24X Fiche: 50-322, 84/11/23, 8411290277.

--8411290283 Insp Rept 50-322/84-39 on 841001-31. No violation noted. Major areas inspected: emergency diesel generator testing, storage of safety-related equipment, svc water sys corrosion problems & security guard exams. PETRONE, C., ESELGROTH, P. W., STROSNIDER, J. Region 1, Office of Director. 84/11/19. 11pp. 27678:197. 24X Fiche: 50-322, 84/11/23, 8411290277.

G. Adjudicatory correspondence

8411090296 Proposed findings of fact & conclusions of law re onsite backup power sys. Certificate of Svc encl. PERLIS, R. C. Hearing Branch 3. #484 045. 84/08/31. 36pp. 27400:001. 24X Fiche: 50-322, 84/08/31, 8411090296.

8411060580 Motion to admit supplemental testimony of DO Johnson, DP Johnson & LA Swanger re AE piston skirts. Testimony necessary to clarify record re language in 840203 memo on LILCO Exhibit P-29. Related correspondence. ELLIS, T. S. Long Island Lighting Co. ELLIS, T. S. Hunton & Williams. #484 980. 84/10/24. Atomic Safety and Licensing Board Panel. 4pp. 27326:319. 24X Fiche: 50-322, 84/10/24, 8411060580.

--8411060585 Supplemental testimony of DO Johnson, DP Johnson & LA Swanger re AE piston skirts. Certificate of Svc encl. Related correspondence. JOHNSON, D. O., JOHNSON, D. P. Long Island Lighting Co. JOHNSON, D. O. Failure Analysis Associates. 84/10/24. 11pp. 27326:323. 24X Fiche: 50-322, 84/10/24, 8411060580.

8411010292 Motion to strike portion of supplemental testimony of SH Bush & AJ Henriksen re cylinder blocks. Certificate of Svc encl. Related correspondence. * Long Island Lighting Co. #484 844. 84/10/29. Atomic Safety and Licensing Board Panel. 4pp. 27229:356. 24X Fiche: 50-322, 84/10/29, 8411010292.

8411020065 Forwards agreements between util & Nassau Veterans Memorial Coliseum & American Red Cross for use of coliseum as reception ctr for radiological emergency. Related correspondence. MCCLESKEY, K. E. Hunton & Williams. #484 854. 84/10/30. LAURENSEN, J. A., KLINE, J. R., SHON, F. L. Atomic Safety and Licensing Board Panel. 9pp. 27257:228. 24X Fiche: 50-322, 84/10/30, 8411020065.

8411010313 Decision ALAB-788 affirming ASLB Decision LPB-83-15 in principal part, remanding listed portions of opinion for further consideration & vacating ASLB requirement to util re definition of "important to safety." Served on 841031. THOMPSON, B. A. Atomic Safety and Licensing Board Panel. #484 828. 84/10/31. 148pp. 27231:048. 24X Fiche: 50-322, 84/10/31, 8411010313.

8411010556 Request to present written briefs & oral arguments on ASLB 841029 low power decision. Low power testing could provide no public benefit. Certificate of Svc encl. BROWN, H. H. Suffolk County, NY. BROWN, H. H. Kirkpatrick & Lockhart. PALOMINO, F. G. New York, State of. #484 862. 84/10/31. 6pp. 27251:117. 24X Fiche: 50-322, 84/10/31, 8411010556.

8411060265 Joint motion to revise ASLB 841022 schedule for filing briefs on merits of legal authority issues. Certificate of Svc encl. Related correspondence. IRWIN, D. P. Long Island Lighting Co. IRWIN, D. P. Hunton & Williams. #484 913. 84/11/01. Atomic Safety and Licensing Board Panel. 4pp. 27325:123. 24X Fiche: 50-322, 84/11/01, 8411060265.

8411060327 Suffolk County addendum to util proposed corrections to 841030 transcript re emergency planning. Certificate of Svc encl. LETSCHE, K. J. Long Island Lighting Co. LETSCHE, K. J. Kirkpatrick & Lockhart. #484 900. 84/11/02. 52pp. 27321:167. 24X Fiche: 50-322, 84/11/02, 8411060327.

DOCKETED ITEMS

139

8411060392 Util opposition to Suffolk County & State of NY request for written briefs & oral arguments designed to further delay Commission immediate effectiveness review re 840905 order to conduct low power testing. Certificate of Svc encl. REVELEY, W.T. Long Island Lighting Co. REVELEY, W.T. Hunton & Williams. #484 894. 84/11/02. 10pp. 27320:255. 24X Fiche: 50-322, 84/11/02, 8411060392.

8411090291 Requests dismissal of requirement in ALAB-788 re nonsafety-related electrical equipment rept. SSER 7 determined that no subj equipment at plant. Staff preparing appropriate affidavits. W/o encl. BORDENICK, B.M. Hearing Branch 3. #484 046. 84/11/02. BRENNER, L., FERGUSON, G.A., MORRIS, P.A. Atomic Safety and Licensing Board Panel. 2pp. 27401:062. 24X Fiche: 50-322, 84/11/02, 8411090291.

8411060538 Memorandum & order granting joint motion to revise schedule for filing briefs on legal authority of LILCO to perform certain activities described in transition plan. Served on 841105. LAURENSEN, J.A. Atomic Safety and Licensing Board Panel. #484 939. 84/11/05. Long Island Lighting Co. 2pp. 27311:001. 24X Fiche: 50-322, 84/11/05, 8411060538.

8411060567 Order confirming schedule for repts from parties on issues remanded by ASLB 841031 partial initial decision. Served on 841106. BRENNER, L. Atomic Safety and Licensing Board Panel. #484 959. 84/11/05. Office of the Executive Legal Director. 5pp. 27326:245. 24X Fiche: 50-322, 84/11/05, 8411060567.

8411060574 Notice of appearance in proceeding. Certificate of Svc encl. RANGE, J.J. Long Island Lighting Co. RANGE, J.J. Hunton & Williams. #484 956. 84/11/05. 3pp. 27326:241. 24X Fiche: 50-322, 84/11/05, 8411060574.

8411060578 Proposed findings of fact re emergency diesel generator crankshaft. Certificate of Svc encl. FARLEY, E.M. Long Island Lighting Co. FARLEY, E.M. Hunton & Williams. #484 955. 84/11/05. 45pp. 27326:196. 24X Fiche: 50-322, 84/11/05, 8411060578.

8411090305 Proposed findings of fact & conclusions of law in form of supplemental partial initial decision on emergency planning. Certificate of Svc encl. BORDENICK, B.M., FIRFO, G.R. Hearing Branch 3. HASSELL, D.F. Hearing Branch 2. #484 050. 84/11/05. 335pp. 27401:101. 24X Fiche: 50-322, 84/11/05, 8411090305.

8411070233 Order correcting transcripts of 840926-1004 per 841105 jointly filed errata. Served on 841106. BRENNER, L. Atomic Safety and Licensing Board Panel. #484 999. 84/11/06. 6pp. 27386:157. 24X Fiche: 50-322, 84/11/06, 8411070233.

8411090479 Motions A & B for limited supplementation of diesel generator engine block record & for limited reopening of diesel generator crankshaft record, respectively. Certificate of Svc encl. Related correspondence. ELLIS, T.S. Long Island Lighting Co. ELLIS, T.S. Hunton & Williams. #484 055. 84/11/06. Atomic Safety and Licensing Board Panel. 23pp. 27416:201. 24X Fiche: 50-322, 84/11/06, 8411090479.

8411090284 Submits no objection to Suffolk County 841102 addendum to LILCO proposed corrections to transcript re emergency planning. BORDENICK, B.M. Hearing Branch 3. #484 049. 84/11/07. LAURENSEN, J.A., SHON, F.J., KLINE, J.R. Atomic Safety and Licensing Board Panel. 2pp. 27399:358. 24X Fiche: 50-322, 84/11/07, 8411090284.

8411090474 Comments on ASLB 841029 initial decision authorizing low power testing. No stay should be granted. Substantive issues surrounding grant of low power license correctly resolved by ASLB. Certificate of Svc encl. IRWIN, D.P. Long Island Lighting Co. IRWIN, D.P. Hunton & Williams. #484 063. 84/11/08. 11pp. 27416:116. 24X Fiche: 50-322, 84/11/08, 8411090474.

8411130676 Notice advising that name of law firm representing Suffolk County changed to Kirkpatrick & Lockhart. Certificate of Svc encl. Related correspondence. LETSCHE, K.J. Suffolk County, NY. LETSCHE, K.J. Kirkpatrick & Lockhart. #484 079. 84/11/08. 4pp. 27458:174. 24X Fiche: 50-322, 84/11/08, 8411130676.

8411130138 Comments on proposed findings of fact & conclusions of law on offsite emergency planning. Certificate of Svc encl. GLASS, S.M. Federal Emergency Management Agency. #484 068. 84/11/09. 9pp. 27440:098. 24X Fiche: 50-322, 84/11/09, 8411130138.

8411130567 Informs that staff does not object to Suffolk County & New York State request to present written briefs & oral arguments on ASLB low power decision, if Commission considers presentation helpful for review of matter. REIS, E.J. Hearing Branch 3. #484 098. 84/11/09. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 27458:211. 24X Fiche: 50-322, 84/11/09, 8411130567.

8411130579 Forwards errata identifying certain typo & citation errors contained in Suffolk County & State of NY proposed findings of fact & conclusions of law on offsite emergency planning. LETSCHE, K.J. Kirkpatrick & Lockhart. #484 080. 84/11/09. LAURENSEN, J.A., KLINE, J.R., SHON, F.J. Atomic Safety and Licensing Board Panel. 1p. 27458:213. 24X Fiche: 50-322, 84/11/09, 8411130579.

--8411130583 Errata to Suffolk County & State of NY proposed findings of fact & conclusions of law on offsite emergency planning. Certificate of Svc encl. LETSCHE, K.J. Suffolk County, NY. LETSCHE, K.J. Kirkpatrick & Lockhart. 84/11/09. 13pp. 27458:214. 24X Fiche: 50-322, 84/11/09, 8411130579.

8411130611 Motion to strike LILCO unauthorized 841108 pleading & motion for Commission attention to Suffolk County & NY State request to file written briefs & present oral arguments. Certificate of Svc encl. ASHARE, M.B., BROWN, H.H., PALOMINO, F.G. Kirkpatrick & Lockhart. #484 085. 84/11/09. Commissioners. 6pp. 27458:291. 24X Fiche: 50-322, 84/11/09, 8411130611.

8411130343 Advises that NRC would interpose no objection to presentation of written briefs or oral arguments on ASLB low power decision if Commission believes it would be helpful to review. REIS, E.J. Hearing Branch 3. #484 141. 84/11/09. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 27528:161. 24X Fiche: 50-322, 84/11/09, 8411130343.

8411140185 Motion to strike portions of Suffolk County rebuttal testimony & to submit surrebuttal testimony. Certificate of Svc encl. Related correspondence. ELLIS, T.S. Long Island Lighting Co. ELLIS, T.S. Hunton & Williams. #484 114. 84/11/13. Atomic Safety and Licensing Board Panel. 11pp. 27467:001. 24X Fiche: 50-322, 84/11/13, 8411140185.

8411140480 Notice of appeal of ASLB 841029 Initial Decision 77-347-01C re low power operation. Certificate of Svc encl. LANPHER, L.C. Suffolk County, NY. LANPHER, L.C. Kirkpatrick & Lockhart. PALOMINO, F.G. New York, State of. #484 118. 84/11/13. 5pp. 27491:002. 24X Fiche: 50-322, 84/11/13, 8411140480.

8411150267 Forwards status rept on issues remanded by ALAB-788. LETSCHE, K.J. Kirkpatrick & Lockhart. LETSCHE, K.J. Suffolk County, NY. #484 149. 84/11/13. BRENNER, L.J., FERGUSON, G.A., MORRIS, P.A. Atomic Safety and Licensing Board Panel. 1p. 27528:097. 24X Fiche: 50-322, 84/11/13, 8411150267.

--8411150270 Status rept on issues remanded by ALAB-788. Rept on environ qualification issue will be submitted to ASLB by 841211. Certificate of Svc encl. LETSCHE, K.J. Suffolk County, NY. LETSCHE, K.J. Kirkpatrick & Lockhart. 84/11/13. 8pp. 27528:098. 24X Fiche: 50-322, 84/11/13, 8411150267.

8411150309 Joint response to LILCO motion to suppl & reopen record on diesel generator engine block & crankshaft contentions. Motion seeks to relitigate issues under lower performance std. Certificate of Svc encl. LANPHER, L.C. Suffolk County, NY. LANPHER, L.C. Kirkpatrick & Lockhart. PALOMINO, F.G. New York, State of. #484 143. 84/11/13. Atomic Safety and Licensing Board Panel. 20pp. 27528:131. 24X Fiche: 50-322, 84/11/13, 8411150309.

8411150337 Rept on remand issues per ASLB 841105 order. IRWIN, D.P. Long Island Lighting Co. IRWIN, D.P. Hunton & Williams. #484 130. 84/11/14. 32pp. 27538:224. 24X Fiche: 50-322, 84/11/14, 8411150337.

--8411150344 Affidavit of EG Greenman in response to ALAB-788. GREENMAN, E.G. Division of Project & Resident Programs. 84/11/13. 27pp. 27538:256. 24X Fiche: 50-322, 84/11/14, 8411150337.

--8411160014 Affidavit of RG LaGrange in response to ALAB-788. LAGRANGE, R.G. Equipment Qualification Branch. 84/11/13. 99pp. 27538:290. 24X Fiche: 50-322, 84/11/14, 8411150337.

--8411160016 Affidavit of AJ Szukiewicz in response to ALAB-788. SZUKIEWICZ, A.J. Generic Issues Branch. 84/11/13. 8pp. 27539:027. 24X Fiche: 50-322, 84/11/14, 8411150337.

DOCKETED ITEMS

- B41160018 Affidavit of JL Mauck in response to ALAB-788.
MAUCK, J.L. Instrumentation & Control Systems Branch. 84/11/13.
18pp. 27539:035. 24X Fiche: 50-322, 84/11/14, B41150337.
- B41160020 Notice to Commission of rept on issues remanded by ALAB-788
& motion for leave to file rept. Certificate of Svc encl.
IRWIN, D.P. Long Island Lighting Co. IRWIN, D.P. Hunton &
Williams. 84/11/14. 5pp. 27539:053. 24X Fiche: 50-322, 84/11/14.
B41150337.
- B41190002 Reply supporting until 841107 motion for limited
supplementation of diesel generator engine block record &
for limited reopening of diesel generator crankshaft record.
Certificate of Svc encl.
REIS, E.J. Hearing Branch 3. #484 173. 84/11/14. Atomic Safety
and Licensing Board Panel. 10pp. 27554:326. 24X
Fiche: 50-322, 84/11/14, B41190002.
- B41190003 Rept on remanded issues for ALAB-788, per ASLB 841105 order &
motion to accept affidavits of A Stukiewicz & JJ Mauck into
evidentiary record. Affidavits of A Stukiewicz, EG Greenman,
JL Mauck & RG LaGrange encl.
BORDENICK, B.M. Hearing Branch 3. #484 172. 84/11/14. 4pp.
27555:005. 24X Fiche: 50-322, 84/11/14, B41190003.
- B41190007 Affidavit of AJ Stukiewicz in response to ALAB-788 re
Unresolved Safety Issue A-47 concerning safety implications
of control sys. Prof qualifications encl.
SZUKIEWICZ, A.J. Generic Issues Branch. 84/11/13. 7pp.
27555:009. 24X Fiche: 50-322, 84/11/14, B41190003.
- B41190010 Affidavit of EG Greenman in response to ALAB-788 re
concerns raised during Readiness Assessment Team 830110
insp.
GREENMAN, E.G. Region 1, Office of Director. 84/11/07. 6pp.
27555:016. 24X Fiche: 50-322, 84/11/14, B41190003.
- B41190015 Affidavit of JJ Mauck in response to ALAB-788 re Unresolved
Safety Issue A-47 concerning safety implications of control
sys.
MAUCK, J.L. Instrumentation & Control Systems Branch. 84/11/13.
3pp. 27555:022. 24X Fiche: 50-322, 84/11/14, B41190003.
- B41190019 Affidavit of RG LaGrange in response to ALAB-788 re environ
qualification. Prof qualifications, portions of NUREG-0420,
Suppl 4 & 7 to NUREG-0420 & Certificate of Svc encl.
LAGRANGE, R.G. Equipment Qualification Branch. 84/11/13. 26pp.
27555:025. 24X Fiche: 50-322, 84/11/14, B41190003.
- B41200254 Suffolk County & State of NY proposed findings of fact &
conclusions of law on TDI emergency diesel generators
(replacement crankshafts). Certificate of Svc encl.
SCHEIDT, D.J. Suffolk County, NY. SCHEIDT, D.J. Kirkpatrick &
Lockhart. PALOMINO, F.G. New York, State of. #484 187. 84/11/15.
84pp. 27573:001. 24X Fiche: 50-322, 84/11/15, B41200254.
- B41200180 Order granting intervenor request to submit written comments
by 841129 re application of criteria in 840516 Order
CLI-84-8 to Phases III & IV of low power operation. Served
on 841119.
CHILK, S.J. Office of the Secretary of the Commission. #484 190.
84/11/19. PALLADINO, N.J., ROBERTS, T.M., ASSELSTINE, J.K.
Commissioners. 2pp. 27577:001. 24X Fiche: 50-322, 84/11/19,
B41200180.
- B41210405 Brief on Contentions 1-10 in response to ASLB 841022
memorandum & order deferring ruling on util motion for
summary disposition & scheduling submission of briefs on
merits. Certificate of Svc encl.
CHRISTMAN, J.N. Long Island Lighting Co. * Hunton & Williams. #484
253. 84/11/19. Atomic Safety and Licensing Board Panel. 70pp.
27600:036. 24X Fiche: 50-322, 84/11/19, B41210405.
- B41260009 Response to ASLB 841022 memorandum & order inviting addl
briefs on Contentions 1-10. ASLB should reject util argument
& reaffirm that proceeding will only determine whether
emergency plan satisfactory submittal. W/Certificate of Svc.
LETSCHER, K.J. Suffolk County, NY. PALOMINO, F.G. New York, State of.
LETSCHER, K.J. Kirkpatrick & Lockhart. #484 281. 84/11/19. 108pp.
27613:158. 24X Fiche: 50-322, 84/11/19, B41260009.
- rg ASLB rulings re three issues remanded by
another written order setting forth
ill be issued. Served on 841121.
by and Licensing Board Panel. #484 280.
sty and Licensing Board Panel. 3pp.
3-322, 84/11/20, B41260023.
- B41260092 Forwards FEMA 841115 ltr to WJ Dircks w/attached FEMA rept
on Regional Assistance Committee review of Rev 4 to util
transition plan. Related correspondence.
BORDENICK, B.M. Hearing Branch 3. #484 263. 84/11/20.
LAURENSEN, J.A., SHON, F.J., KLINE, J.R. Atomic Safety and Licensing
Board Panel. 82pp. 27616:044. 24X Fiche: 50-322, 84/11/20,
B41260092.
- B41270364 Petition for Commission review of ALAB-788. Dismissal of
Phase I emergency planning contentions should be reversed &
hearing ordered. Certificate of Svc encl.
LANPHER, L.C. Suffolk County, NY. LANPHER, L.C. Kirkpatrick &
Lockhart. #484 292. 84/11/20. 12pp. 27629:026. 24X
Fiche: 50-322, 84/11/20, B41270364.
- B41260037 Memorandum & order directing ASLB to continue expeditious
consideration of applicant request for authorization to
engage in fuel loading & low power testing per
10CFR50.57(c). Served on 841121.
HOYLE, J.C. Office of the Secretary of the Commission. #484 275.
84/11/21. Atomic Safety and Licensing Board Panel. 7pp.
27614:126. 24X Fiche: 50-322, 84/11/21, B41260037.
- B41290367 Proposed findings of fact on replacement crankshafts for TDI
emergency diesel generators. Certificate of Svc encl.
GODDARD, R.J. Hearing Branch 3. #484 341. 84/11/27. 34pp.
27677:084. 24X Fiche: 50-322, 84/11/27, B41290367.
- I. Financial information
- B41260327 Requests NRC issue furtherance certificate to facilitate
util issuance of pollution control revenue bonds. Draft
certificate & general description of pollution control
facilities at plant encl.
LEONARD, J.D. Long Island Lighting Co. 84/11/19. DENTON, H.R.
Office of Nuclear Reactor Regulation, Director. 5pp. 27613:022.
24X Fiche: 50-322, 84/11/19, B41260327.
- G. Inspection reports, IE Bulletins & correspondence
- B411030428 Forwards Insp Rept 50-322/84-32 on 840820-0930.
GREENMAN, E.G. Division of Project & Resident Programs. 84/10/11.
LEONARD, J.D. Long Island Lighting Co. 4pp. 27287:223. 24X
Fiche: 50-322, 84/10/11, B411030428.
- B411030440 Insp Rept 50-322/84-32 on 840820-0930. No violations noted.
Major areas inspected: plant mod. administrative controls,
equipment history trend analysis & Colt diesel bldg const.
PETRONE, C., ESELEGROTH, P.W., STROSNIDER, J. Region 1, Office of
Director. 84/10/10. 7pp. 27287:227. 24X Fiche: 50-322, 84/10/11,
B411030428.
- B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit
(AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post
830103). 84/10/26. Consolidated Edison Co. of New York, Inc.
84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, B410250031.
- B41160284 Forwards Insp Rept 50-322/84-35 on 840911-13. No violation
noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/26.
LEONARD, J.D. Long Island Lighting Co. 4pp. 27344:345. 24X
Fiche: 50-322, 84/10/26, B41160284.
- B41160291 Insp Rept 50-322/84-35 on 840911-13. No violations noted.
Major areas inspected: licensee action on previous insp
findings. NRC bulletins & const of diesel generator bldg.
FINKEL, A.E., ANDERSON, C.J. Region 1, Office of Director.
84/10/22. 5pp. 27344:349. 24X Fiche: 50-322, 84/10/26, B41160284.
- B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May
Adversely Affect Operation of Essential Electrical
Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/02. Consolidated Edison Co. of New
York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, B411010388.
- B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam
Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/05. Consolidated Edison Co. of New
York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, B411010487.
- B41120164 Ack receipt of 841011 ltr informing NRC of steps taken to
correct violations noted in Insp Rept 50-322/84-31.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/06.
LEONARD, J.D. Long Island Lighting Co. 4pp. 27429:316. 24X
Fiche: 50-322, 84/11/06, B41120164.

DOCKETED ITEMS

141

- 841120172 Responds to NRC 840912 ltr re violations noted in Insp Rept 50-322/84-31. Corrective actions: Startup Test Procedures 14 & 15 revised to agree w/Sections 14.1.4.8.12 & 14.1.4.8.13 of FSAR, Rev 33, Sept 1984.
LEONARD, J.D. Long Island Lighting Co. 84/10/11. MARTIN, T.F. Division of Engineering & Technical Programs. 4pp. 27429:320. 24X Fiche: 50-322, 84/11/06, 841120164.
- 8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.
- 8411200005 Submits evaluation & proposed mods to containment inerting sys in response to IE Info Notice 84-17 & GE Svc Info Ltr SIL-402 re Wetwell/drywell inerting nitrogen cooling components.
LEONARD, J.D. Long Island Lighting Co. 84/11/08. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27579:048. 24X Fiche: 50-322, 84/11/08, 8411200005.
- 841150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.
- 841150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.
- 841150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.
- 8411260242 Requests that quality of Bahnsen HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnsen equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.
- 8411270142 Forwards Insp Rept 50-322/83-33 on 830913-1104. No violations noted. Allegations unsubstantiated.
GREENMAN, E.G. Division of Project & Resident Programs. 84/11/20. LEONARD, J.D. Long Island Lighting Co. 4pp. 27629:343. 24X Fiche: 50-322, 84/11/20, 8411270142.
- 8411270160 Insp Rept 50-322/83-33 on 830913-1104. No violations noted. Major areas inspected: allegations re receipt of contaminated tool onsite & elimination of suppression pool steel liner.
KELLY, E.M., STROSNIDER, J. Region 1, Office of Director. 84/11/20. 79pp. 27629:347. 24X Fiche: 50-322, 84/11/20, 8411270142.
- 8411290277 Forwards Insp Rept 50-322/84-39 on 841001-31. No violation noted.
KISTER, H.B. Division of Project & Resident Programs. 84/11/23. LEONARD, J.L. Long Island Lighting Co. 4pp. 27678:193. 24X Fiche: 50-322, 84/11/23, 8411290277.
- 8411290283 Insp Rept 50-322/84-39 on 841001-31. No violation noted. Major areas inspected: emergency diesel generator testing, storage of safety-related equipment, svc water sys corrosion problems & security guard exams.
PETRONE, C., ESELDORF, P.W., STROSNIDER, J. Region 1, Office of Director. 84/11/19. 11pp. 27678:197. 24X Fiche: 50-322, 84/11/23, 8411290277.
- S. Reportable occurrences, LERs & related correspondence
- 8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.
- 841140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept. "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27466:348. 24X Fiche: 50-000, 84/11/01, 841140052.
- 8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C.L. Duke Power Co. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.
- 8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C.L. Consumers Power Co. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.
- 841140344 Forwards revised Page 5-4 of 840312 rept. "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C.L. Duke Power Co. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27469:181. 24X Fiche: 50-000, 84/11/06, 841140344.
- 841150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C.L. Duke Power Co. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27310:235. 24X Fiche: 50-000, 84/11/07, 841150011.
- 8411260049 Responds to Generic Ltr 84-15. "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C.L. Duke Power Co. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.
- 8411260224 Forwards requested addl info re various aspects of newly developed qualified load for TDI diesel generators, per 841026 telcon.
LEONARD, J.D. Long Island Lighting Co. 84/11/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 8pp. 27616:012. 24X Fiche: 50-322, 84/11/19, 8411260224.
- 8411260419 Submits rept on util representatives 841004-12 trip to Saudi Arabia to review engine operating records for Rappa Electric Co TDI diesel generators. Based on limited data, TDI engines proved highly reliable.
LEONARD, J.D. Long Island Lighting Co. 84/11/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27612:227. 24X Fiche: 50-322, 84/11/19, 8411260419.
- 8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.
- 8411290233 "Investigation of Types AN & AH Piston Skirts." * Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.
- T. Hearing transcripts on non-antitrust matters
- 8411060512 Corrected transcript of 840911 hearing in Hauppauge, NY. Pp. 22, 099-22, 281.
* Atomic Safety and Licensing Board Panel. 84/09/11. 180pp. 27314:240. 24X Fiche: 50-322, 84/09/11, 8411060512.
- 8411060171 Corrected transcript of 840912 hearing in Hauppauge, NY. Pp. 22, 282-22, 473.
* Atomic Safety and Licensing Board Panel. 84/09/12. 193pp. 27323:007. 24X Fiche: 50-322, 84/09/12, 8411060171.
- 8411060253 Corrected transcript of 840913 hearing in Hauppauge, NY. Pp. 22, 474-22, 593.
* Atomic Safety and Licensing Board Panel. 84/09/13. 121pp. 27324:198. 24X Fiche: 50-322, 84/09/13, 8411060253.

DOCKETED ITEMS

- 8411060149 Corrected transcript of 840917 meeting in Hauppauge, NY.
Pp 22, 594-22, 760. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. 84/09/17. 243pp.
27322: 001. 24X Fiche: 50-322, 84/09/17, 8411060149.
- 8411060258 Corrected transcript of 840918 hearing in Hauppauge, NY.
Pp 22, 761-22, 920.
* Atomic Safety and Licensing Board Panel. 84/09/18. 161pp.
27324: 325. 24X Fiche: 50-322, 84/09/18, 8411060258.
- 8411070085 Corrected transcript of 840919 hearing in Hauppauge, NY.
Pp 22, 961-23, 095.
* Atomic Safety and Licensing Board Panel. 84/09/19. 135pp.
27368: 179. 24X Fiche: 50-322, 84/09/19, 8411070085.
- 8411070149 Corrected transcript of 840920 hearing in Hauppauge, NY.
Pp 23, 096-23, 198. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. 84/09/20. 225pp.
27366: 239. 24X Fiche: 50-322, 84/09/20, 8411070149.
- 8411060584 Joint errata of util. Suffolk County & NRC to transcript of 840926 hearing.
* Office of the Executive Legal Director. * Long Island Lighting Co. * Suffolk County, NY. #484 957. 84/09/26. 1p. 27326: 310. 24X Fiche: 50-322, 84/09/26, 8411060584.
- 8411060587 Joint errata of util. Suffolk County & NRC to transcript of 841001 hearing.
* Office of the Executive Legal Director. * Long Island Lighting Co. * Suffolk County, NY. 84/10/01. 1p. 27326: 311. 24X Fiche: 50-322, 84/09/26, 8411060584.
- 8411060590 Joint errata of util. Suffolk County & NRC to transcript of 841002 hearing.
* Office of the Executive Legal Director. * Long Island Lighting Co. * Suffolk County, NY. 84/10/02. 2pp. 27326: 312. 24X Fiche: 50-322, 84/09/26, 8411060584.
- 8411060594 Joint errata of util. Suffolk County & NRC to transcript of 841003 hearing.
* Office of the Executive Legal Director. * Long Island Lighting Co. * Suffolk County, NY. 84/10/03. 2pp. 27326: 314. 24X Fiche: 50-322, 84/09/26, 8411060584.
- 8411060596 Joint errata of util. Suffolk County & NRC to transcript of 841004 hearing. Certificate of Svc encl.
* Office of the Executive Legal Director. * Long Island Lighting Co. * Hunton & Williams. 84/10/04. 3pp. 27326: 316. 24X Fiche: 50-322, 84/09/26, 8411060584.
- 8411060580 Motion to admit supplemental testimony of DO Johnson. DP Johnson & LA Swanger re AE piston skirts. Testimony necessary to clarify record re language in 840203 memo on LILCO Exhibit P-29. Related correspondence.
ELLIS, T. S. Long Island Lighting Co. ELLIS, T. S. Hunton & Williams. #484 980. 84/10/24. Atomic Safety and Licensing Board Panel. 4pp. 27326: 319. 24X Fiche: 50-322, 84/10/24, 8411060580.
- 8411060585 Supplemental testimony of DO Johnson, DP Johnson & LA Swanger re AE piston skirts. Certificate of Svc encl. Related correspondence.
JOHNSON, D. O., JOHNSON, D. P. Long Island Lighting Co. JOHNSON, D. O. Failure Analysis Associates. 84/10/24. 11pp. 27326: 323. 24X Fiche: 50-322, 84/10/24, 8411060580.
- 8411070134 Forwards Rev 1 to transcript of 841022 hearing in Hauppauge, NY, consisting of replacement pages to be inserted into original transcript.
PENN, A. I. ACE Federal Reporters, Inc. 84/10/25. NRC - No Detailed Affiliation Given. 1p. 27355: 277. 24X Fiche: 50-322, 84/10/25, 8411070134.
- 8411070139 Rev 1 to transcript of 841022 hearing in Hauppauge, NY.
* Atomic Safety and Licensing Board Panel. 84/10/22. 9pp. 27355: 278. 24X Fiche: 50-322, 84/10/25, 8411070134.
- 8411020259 Transcript of 841029 hearing in Hauppauge, NY. Pp 24, 911-25, 067. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. 84/10/29. 158pp. 27254: 257. 24X Fiche: 50-322, 84/10/29, 8411020259.
- 8411020199 Transcript of 841030 hearing in Hauppauge, NY. Pp 25, 068-25, 260.
* Atomic Safety and Licensing Board Panel. 84/10/30. 194pp. 27259: 272. 24X Fiche: 50-322, 84/10/30, 8411020199.
- 8411060097 Forwards corrected transcript of 840910-18 hearings. Only 840910 transcript encl.
PENN, A. I. ACE Federal Reporters, Inc. 84/10/30. NRC - No Detailed Affiliation Given. 1p. 27360: 169. 24X Fiche: 50-322, 84/10/30, 8411060097.
- 8411060387 Corrected transcript of 840910 hearing in Hauppauge, NY. W/supporting documentation. Pp 21, 920-22, 098.
* Atomic Safety and Licensing Board Panel. 84/09/10. 284pp. 27360: 170. 24X Fiche: 50-322, 84/10/30, 8411060097.
- 8411070120 Transcript of 841031 hearing in Hauppauge, NY. Pp 25, 261-25, 480.
* Atomic Safety and Licensing Board Panel. 84/10/31. 221pp. 27365: 001. 24X Fiche: 50-322, 84/10/31, 8411070120.
- 8411070017 Forwards corrected transcript for 840919 proceeding & corrected pages for 840924 & 25 proceedings. W/o corrected transcript for 840919 proceeding.
PENN, A. I. ACE Federal Reporters, Inc. 84/11/01. NRC - No Detailed Affiliation Given. 1p. 27359: 276. 24X Fiche: 50-322, 84/11/01, 8411070017.
- 8411070025 Corrected pages to transcript of 840924 proceedings.
* Atomic Safety and Licensing Board Panel. 84/09/24. 27pp. 27359: 277. 24X Fiche: 50-322, 84/11/01, 8411070017.
- 8411070029 Corrected pages for transcript of 840925 proceedings.
* Atomic Safety and Licensing Board Panel. 84/09/25. 25pp. 27359: 301. 24X Fiche: 50-322, 84/11/01, 8411070017.
- 8411070131 Transcript of 841101 hearing in Hauppauge, NY. Pp 25, 481-25, 676. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. 84/11/01. 260pp. 27364: 087. 24X Fiche: 50-322, 84/11/01, 8411070131.
- 8411070126 Transcript of 841102 hearing in Hauppauge, NY. Pp 24, 677-25, 759.
* Atomic Safety and Licensing Board Panel. 84/11/02. 82pp. 27365: 246. 24X Fiche: 50-322, 84/11/02, 8411070126.
- 8411070233 Order correcting transcripts of 840926-1004 per 841105 jointly filed errata. Served on 841106.
BRENNER, L. Atomic Safety and Licensing Board Panel. #484 999. 84/11/06. 6pp. 27386: 157. 24X Fiche: 50-322, 84/11/06, 8411070233.
- 8411090444 Rebuttal testimony of RN Anderson, SG Christensen & GD Eley re structural failure due to circumferential cracks in cylinder blocks. Certificate of Svc encl. Related correspondence.
ANDERSON, R. N., CHRISTENSEN, S., ELEY, G. D. Suffolk County, NY. #484 056. 84/11/07. 13pp. 27416: 078. 24X Fiche: 50-322, 84/11/07, 8411090444.
- 8411120107 Transcript of 841107 hearing in Hauppauge, NY. Pp 25, 760-25, 980. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. 84/11/07. 247pp. 27428: 320. 24X Fiche: 50-322, 84/11/07, 8411120107.
- 8411150093 Transcript of 841108 hearing in Hauppauge, NY. Pp 25, 981-26, 714.
* Atomic Safety and Licensing Board Panel. 84/11/08. 194pp. 27500: 001. 24X Fiche: 50-322, 84/11/08, 8411150093.
- 8411150026 Transcript of 841109 hearing in Hauppauge, NY. Pp 26, 175-26, 272.
* Atomic Safety and Licensing Board Panel. 84/11/09. 98pp. 27504: 275. 24X Fiche: 50-322, 84/11/09, 8411150026.
- 8411160072 Transcript of 841113 hearing in Hauppauge, NY. Pp 26, 273-26, 443.
* Atomic Safety and Licensing Board Panel. 84/11/13. 172pp. 27539: 091. 24X Fiche: 50-322, 84/11/13, 8411160072.
- 8411190500 Transcript of 841114 hearing in Hauppauge, NY. Pp 26, 444-26, 674.
* Atomic Safety and Licensing Board Panel. 84/11/14. 222pp. 27553: 088. 24X Fiche: 50-322, 84/11/14, 8411190500.
- 8411210007 Transcript of 841115 hearing in Hauppauge, NY. Pp 26, 675-26, 905.
* Atomic Safety and Licensing Board Panel. 84/11/15. 231pp. 27593: 358. 24X Fiche: 50-322, 84/11/15, 8411210007.
- 8411210013 Transcript of 841116 hearing in Hauppauge, NY. Pp 26, 675-26, 905.
* Atomic Safety and Licensing Board Panel. 84/11/16. 72pp. 27590: 107. 24X Fiche: 50-322, 84/11/16, 8411210013.
- 8411280327 Transcript of 841120 hearing in Bethesda, MD. Pp 26, 979-27, 079.
* Atomic Safety and Licensing Board Panel. 84/11/20. 102pp. 27660: 252. 24X Fiche: 50-322, 84/11/20, 8411280327.

DOCKETED ITEMS

143

V. Operator Examinations

8411290277 Forwards Insp Rept 50-322/84-39 on 841001-31. No violation noted.
KISTER, H.B. Division of Project & Resident Programs. 84/11/23.
LEONARD, J.L. Long Island Lighting Co. App. 27678:193. 24X
Fiche: 50-322, 84/11/23, 8411290277.

--8411290283 Insp Rept 50-322/84-39 on 841001-31. No violation noted.
Major areas inspected: emergency diesel generator testing,
storage of safety-related equipment, svc water sys corrosion
problems & security guard exams.
PETRONE, C., ESELGROTH, P.W., STROSNIDER, J. Region 1, Office of
Director. 84/11/19. 11pp. 27678:197. 24X Fiche: 50-322, 84/11/23,
8411290277.

DOCKET 50-323 DIABLO CANYON NUCLEAR POWER PLANT, UNIT 2

A. Application/construction stage documents & correspondence

8411290224 FOIA request for records re Nuclear Svcs Corp 1977 audit
of Pullman Power Products.
REYNOLDS, J. Center for Law in the Public Interest. 84/01/20.
Office of Administration. 2pp. 27698:289. 24X
Fiche: 50-275, 84/01/20, 8411290224.

8411290605 Forwards list of 146 allegations for evaluation,
investigation & response. Response required within 30 days of
ltr receipt.
BISHOP, T.W. Region 5, Office of Director. 84/04/27. SCHUYLER, J.D.
Pacific Gas & Electric Co. 15pp. 27722:142. 24X
Fiche: 50-275, 84/04/27, 8411290605.

8411290237 Further response to FOIA request for records re Nuclear Svcs
Corp 1977 audit of Pullman Power Products. Dircks 831107 memo
to Commissioners encl.
FELTON, J.M. Division of Rules and Records. 84/05/09. REYNOLDS, J.
Center for Law in the Public Interest. 1p. 27698:291. 24X
Fiche: 50-275, 84/05/09, 8411290237.

--8411290246 Forwards analysis of reportability of Nuclear Svc Corp 1977
audit of Pullman Power Products QA program, per 831103
meeting request.
DIRCKS, W.J. Office of the Executive Director for Operations.
83/11/07. PALLADINO, OLINSKY, ROBERTS Commissioners. 12pp.
27698:292. 24X Fiche: 50-275, 84/05/09, 8411290237.

8411290136 Forwards response to 146 allegations in 840427 ltr.
Safeguards info withheld (ref 10CFR73.21).
BRAND, D.A. Pacific Gas & Electric Co. 84/05/29. BISHOP, T.W.
Region 5, Office of Director. 185pp. 27703:185. 24X
Fiche: 50-275, 84/05/29, 8411290136.

8411290663 Forwards listing of allegations & paraphrasing of
allegations contained in confidential transcript for
evaluation, investigation & response. Response required within
30 days of ltr receipt.
BISHOP, T.W. Region 5, Office of Director. 84/08/28. SCHUYLER, J.D.
Pacific Gas & Electric Co. 27pp. 27701:154. 24X
Fiche: 50-275, 84/08/28, 8411290663.

8411290041 Requests extension until 841030 to respond to TW Bishop
840828 ltr to JD Schuyler forwarding set of allegations for
action. Delay due to critical facility licensing activities.
CRANE, P.A. Pacific Gas & Electric Co. 84/09/17. BISHOP, T.W.
Region 5, Office of Director. 1p. 27721:105. 24X
Fiche: 50-275, 84/09/17, 8411290041.

8411290028 Forwards 65 allegations & previous responses. Util will
respond to remaining issues by 841030.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/10/18. BISHOP, T.W.
Region 5, Office of Director. 187pp. 27720:077. 24X
Fiche: 50-275, 84/10/18, 8411290028.

8411290001 Forwards printout from allegation file sys re Allegations
1435, 1456, 1459 & 1467 for evaluation, investigation &
response. Response required within 30 days of ltr receipt.
BISHOP, T.W. Region 5, Office of Director. 84/10/22. SHIFFER, J.D.
Pacific Gas & Electric Co. 2pp. 27721:334. 24X
Fiche: 50-275, 84/10/22, 8411290001.

8411290626 Forwards Allegations 806 & 919 resubmitted for more detailed
evaluation, investigation & response. Response requested
within 30 days of ltr receipt.
KIRSCH, D.F. Region 5, Office of Director. 84/10/26. SHIFFER, J.D.
Pacific Gas & Electric Co. 2pp. 27722:140. 24X
Fiche: 50-275, 84/10/26, 8411290626.

8411030073 Forwards list of reference matls provided to DB Slemmons as
requested at seismic long-term program 841004 meeting.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/10/29. KNIGHTON, G.W.
Licensing Branch 3. 3pp. 27301:349. 24X Fiche: 50-275, 84/10/29,
8411050073.

8411090225 Forwards updated schedule for implementation of revised
FSAR Chapter 17 topics. Revs will be incorporated in GA/GC
procedures.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/10/29. MARTIN, J.B.
Region 5, Office of Director. 2pp. 27398:044. 24X
Fiche: 50-275, 84/10/29, 8411090225.

8411280329 Forwards response to remaining allegations identified in
NRC 840828 & 1022 ltrs. Evaluations & investigations resolve
allegations. Ack of receipt of matl requested.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/10/30. MARTIN, J.B.,
KIRSCH, D. Region 5, Office of Director. 449pp. 27686:001. 24X
Fiche: 50-275, 84/10/30, 8411280329.

8411200409 Forwards request for addl info, per ongoing review of Unit 2
equipment qualification. Reply should be submitted within 2
wks of receipt of request.
KNIGHTON, G.W. Licensing Branch 3. 84/10/31. SHIFFER, J.D. Pacific
Gas & Electric Co. 4pp. 27598:234. 24X Fiche: 50-275, 84/10/31,
8411200409.

8411150076 Forwards piping & pipe supports review program, updating info
provided in 841005 & 19 submittals re piping & pipe
support-related items defined in Unit 1 low power License
Condition 2.C(11).
SHIFFER, J.D. Pacific Gas & Electric Co. 84/11/02. KNIGHTON, G.W.
Licensing Branch 3. 122pp. 27503:334. 24X Fiche: 50-323, 84/11/02,
8411150076.

--8411150086 Rev 1 to CA-SE1-119, "Diablo Canyon Nuclear Power Plant
Unit 2 RCS Equipment Supports Not Functional Test
Procedure."
HIMLER, J.C., PALM, S.A. Westinghouse Electric Corp. 84/09/30.
71pp. 27504:025. 24X Fiche: 50-323, 84/11/02, 8411150076.

8411150100 Forwards final internal review program rept. Rept updates
status repts submitted on 840731, (DCL-84-276) & 841019.
(DCL-84-322). Rev 2 to Tables 1, 2 & 3 supersedes previous
submittals.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/11/02. KNIGHTON, G.W.
Licensing Branch 3. 107pp. 27501:019. 24X Fiche: 50-323, 84/11/02,
8411150100.

8411150090 Forward Rev 3 to Surveillance Test Procedure STP I-16C,
"Trip Actuating Device Operational Test of Manual Initiation
& Blocking Reactor Protection & Engineered Safeguards."
Inadvertently omitted from 840627 submittal.
SHIFFER, J.D. Pacific Gas & Electric Co. 84/11/07. KNIGHTON, G.W.
Licensing Branch 3. 3pp. 27510:306. 24X Fiche: 50-275, 84/11/07,
8411150090.

--8411150103 Rev 3 to Surveillance Test Procedure STP I-16C, "Trip
Actuating Device Operational Test of Manual Initiation &
Blocking Reactor Protection & Engineered Safeguards."
* Pacific Gas & Electric Co. 84/11/05. 37pp. 27510:309. 24X
Fiche: 50-275, 84/11/07, 8411150090.

8411260611 Summary of 841004 meeting w/util & USGS in Bethesda, MD re
seismic reevaluation program identified as license condition
in proposed full power amend. Attendance list & viewgraphs
encl.
SCHIERLING, H. Licensing Branch 3. 84/11/14. Licensing Branch 3.
53pp. 27646:255. 24X Fiche: 50-275, 84/11/14, 8411260611.

--8411260612 Comments on 841004 meeting w/util & USGS in Bethesda, MD re
seismic reevaluation program. Tectonic considerations for
Hogri fault should be reevaluated to include faults & folds
of transverse ranges.
SLEMMONS, D.B. Slemmons, D.B. 84/10/21. BROCOUM, S. Geosciences
Branch. 4pp. 27646:307. 24X Fiche: 50-275, 84/11/14, 8411260611.

8411280537 Forwards request for addl info re 841022 audit piping &
pipe supports designs. Response should be provided within
1 wk of ltr receipt.
KNIGHTON, G.W. Licensing Branch 3. 84/11/14. SHIFFER, J.D. Pacific
Gas & Electric Co. 4pp. 27682:161. 24X Fiche: 50-323, 84/11/14,
8411280537.

E. NRC Safety Evaluation Report (SER), suppl & correspondence

8411280315 Requests responses to 31 allegations or concerns identified
in SER 22. Response requested within 30 days. Allegations
& concerns & background info encl.
BISHOP, T.W. Region 5, Office of Director. 84/04/19. SCHUYLER, J.D.
Pacific Gas & Electric Co. 400pp. 27688:001. 24X
Fiche: 50-275, 84/04/19, 8411280315.

DOCKETED ITEMS

8411290042 Forwards responses to 31 allegations identified in SSER 22, per 840419 request. Receipt ack requested.
 BRAND, D.A., CRANE, P.A. Pacific Gas & Electric Co. 84/05/17.
 BISHOP, T.W. Region 5, Office of Director. 132pp. 27719:122. 24X
 Fiche: 50-275, 84/05/17, 8411290042.

8411150035 Forwards updated status rept of allegation review program. Review of NRC-resolved allegations included in SSER 26 incomplete. Review will be completed by 841130.
 SHIFFER, J.D. Pacific Gas & Electric Co. 84/11/02. KNIGHTON, G.W. Licensing Branch 3. 176pp. 27524:165. 24X Fiche: 50-323, 84/11/02, 8411150035.

F. Security, medical, emergency & fire protection plans

8411130132 Forwards revised emergency plan implementing procedures. Privacy/proprietary info deleted, per Generic Ltr 81-27. Related correspondence.
 SCHUYLER, J.D. Pacific Gas & Electric Co. #484 915. 84/07/20.
 MARTIN, J.B. Region 5, Office of Director. 1p. 27478:118. 24X
 Fiche: 50-275, 84/07/20, 8411130132.

--8411130142 Revised emergency plan implementing procedures, including OP-0 re reactor trip w/safety injection, OP-1 re LOCA, OP-2 re loss of secondary coolant & OP-3A re steam generator tube failure. Related correspondence. Proprietary info deleted.
 * Pacific Gas & Electric Co. 84/07/20. 140pp. 27478:119. 24X
 Fiche: 50-275, 84/07/20, 8411130132.

8411130101 Forwards revised emergency plan implementing procedures, including EPOP-0 re reactor trip or safety injection, EPOP-0.1 re reactor trip response & EPOP-0.2 re natural circulation cooldown. Related correspondence.
 RAYMOND, W.A. Pacific Gas & Electric Co. #484 922. 84/09/10.
 MARTIN, J.B. Region 5, Office of Director. 1p. 27480:168. 24X
 Fiche: 50-275, 84/09/10, 8411130101.

--8411130119 Revised emergency plan implementing procedures, including EPOP-0 re reactor trip or safety injection, EPOP-0.1 re reactor trip response & EPOP-0.2 re natural circulation cooldown. Related correspondence.
 * Pacific Gas & Electric Co. 84/09/10. 480pp. 27480:169. 24X
 Fiche: 50-275, 84/09/10, 8411130101.

8411010538 Forwards public version of Change 4 to Rev 3 to emergency plan.
 SCHUYLER, J.D. Pacific Gas & Electric Co. 84/09/28. MARTIN, J.B. Region 5, Office of Director. 2pp. 27267:003. 24X
 Fiche: 50-275, 84/09/28, 8411010538.

--8411010573 Public version of Change 4 to Rev 3 to emergency plan. W/841024 release memo.
 * Pacific Gas & Electric Co. 81/08/31. 1088pp. 27267:004. 24X
 Fiche: 50-275, 84/09/28, 8411010538.

8411090364 Rev 3, Change 4 to emergency plan. W/840928 ltr. Related correspondence.
 SCHUYLER, J.D. Pacific Gas & Electric Co. #484 423. 84/09/28.
 MARTIN, J.B. Region 5, Office of Director. 1087pp. 27431:200. 24X
 Fiche: 50-275, 84/09/28, 8411090364.

8411200229 Forwards FEMA 840912 memo to NRC which transmits corrective action schedule & update rept on offsite emergency preparedness. Adequate level of offsite emergency preparedness exists.
 KNIGHTON, G.W. Licensing Branch 3. 84/10/24. SHIFFER, J.D. Pacific Gas & Electric Co. 3pp. 27598:188. 24X Fiche: 50-275, 84/10/24, 8411200229.

8411210282 Forwards "Site-Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys GA Verification." Alert & notification sys meet NUREG-0654 requirements & acceptable.
 SPECK, S.W. Federal Emergency Management Agency. 84/11/07.
 DIRKS, W.J. Office of the Executive Director for Operations. 1p. 27591:045. 24X Fiche: 50-275, 84/11/07, 8411210282.

-Specific Offsite Radiological Emergency Preparedness cation Sys GA Verification."
 al Energy Associates, Ltd. 84/10/29. 85pp.
 X Fiche: 50-275, 84/11/07, 8411210282.

s actions taken per 840820 & 24 investigations of fire door frame installation. Defective door ed w/caulking. Fire door frame installations & installation requirements.
 Pacific Gas & Electric Co. 84/11/13. MARTIN, J.B. of Director. 3pp. 27571:323. 24X
 11/13, 8411200310.

G. Adjudicatory correspondence

8411050445 Responds to 841005 ltr re suggested issues for Commission consideration concerning facility. Hearing should not be reopened to permit litigation on effects of earthquakes on emergency planning. Served on 841102.
 PALLADINO, N.J. Commissioners. #484 887. 84/10/31. PATTERSON, J. House of Rep. 2pp. 27297:223. 24X Fiche: 50-275, 84/10/31, 8411050445.

--8411050449 Requests consideration of author suggestions presented at Congressional hearing re reopening of hearing record to permit litigation of complicating effects of earthquakes on emergency planning. SECY tracking responses requested.
 ASSELSTINE, J.K. Commissioners. 84/09/07. PALLADINO, ROBERTS Commissioners. 2pp. 27297:225. 24X Fiche: 50-275, 84/10/31, 8411050445.

--8411050460 Expresses thanks for NRC participation in House Subcommittee on Energy & Environ Diablo Canyon 840830 oversight hearing. NRC should address Commissioner Assestine concerns re opening of proceeding record for further litigation.
 PATTERSON, J., PANETTA, L.E. House of Rep. 84/10/05. PALLADINO, N. Commissioners. 3pp. 27297:227. 24X Fiche: 50-275, 84/10/31, 8411050445.

8411050456 Comments on Commissioner Assestine testimony before field oversight hearing in San Luis Obispo, CA. Served on 841102.
 PALLADINO, N.J. Commissioners. #484 888. 84/10/31. PATTERSON, J., PANETTA, L.E. House of Rep. 2pp. 27297:344. 24X
 Fiche: 50-275, 84/10/31, 8411050456.

8411020539 Forwards MC Thompson, TM Devine & S Lockert affidavits representing portion of results from 841009-30 investigative trip. Commission has adopted adversary position w/respect to public since 840817 stay.
 DEVINE, T. Government Accountability Project. #484 873. 84/11/01. PALLADINO, N.J., ROBERTS, T., ASSELSTINE, J. Commissioners. 3pp. 27261:202. 24X Fiche: 50-275, 84/11/01, 8411020539.

--8411020543 Marked-up affidavit of MC Thompson re possible fake welds on stanchions holding up safety injection sys lines in Unit 1.
 THOMPSON, M.C. Government Accountability Project. 84/10/22. 32pp. 27261:205. 24X Fiche: 50-275, 84/11/01, 8411020539.

--8411020547 Affidavit of TM Devine re employee concerns that reactor vessel level instrumentation sys may not provide reliable readings.
 DEVINE, T.M. Government Accountability Project. 84/11/01. 5pp. 27261:237. 24X Fiche: 50-275, 84/11/01, 8411020539.

--8411020550 Affidavit of S Lockert re const GA licensee character & competence.
 LOCKERT, S. Affiliation Not Assigned. 84/10/29. 38pp. 27261:242. 24X Fiche: 50-275, 84/11/01, 8411020539.

8411150290 Informs of new address & phone number for law firm effective 841201. Related correspondence.
 MCDIARMID, R.C. Spiegel & McDiarmid. MCDIARMID, R.C. California. State of, Northern California Power Agency. #484 136. 84/11/12. CHILK, S.J. Office of the Secretary of the Commission. 1p. 27528:112. 24X Fiche: 50-275, 84/11/12, 8411150290.

8411190511 Advises that SSER for Unit 2 design verification will be issued in Jan 1985. Change in schedule & precise date will be submitted when established. Related correspondence.
 CHANDLER, L.J. Hearings Division. #484 170. 84/11/15. MOORE, T.S., JOHNSON, W.R. Atomic Safety and Licensing Appeal Panel. 2pp. 27549:361. 24X Fiche: 50-275, 84/11/15, 8411190511.

8411200004 Order extending time until 841217 for Commission to act to review ALAB-775, 775A, 776, 781 & 782. Served on 841116.
 CHILK, S.J. Office of the Secretary of the Commission. #484 197. 84/11/15. Commissioners. 1p. 27578:048. 24X
 Fiche: 50-275, 84/11/15, 8411200004.

8411200235 Amended petition under 10CFR2.206 urging NRC to restore legality to PO&E GA program to ensure existing nuclear facilities & facilities coming online operate safely.
 DEVINE, T. Government Accountability Project. #484 191. 84/11/16. Commissioners. 97pp. 27578:198. 24X Fiche: 50-275, 84/11/16, 8411200235.

H. General correspondence

8411280069 Requests to make limited appearance statement. Interpretation of term "appropriate ofc" per 10CFR1.32(f) requested.
 DARKE, J. Affiliation Not Assigned. 82/01/25. Atomic Safety and Licensing Board Panel. 1p. 27682:361. 24X Fiche: 50-275, 82/01/25, 8411280069.

DOCKETED ITEMS

145

I. Financial information

8411070053 Forwards two ltrs dtd 841022 & State of CA pollution control financing authority 841030 ltr re applications from San Diego Gas & Electric Co & Southern CA Edison Co. THOMAS, R.D. Region 5, Office of Director. 84/11/01. CASE, E. G. Office of Nuclear Reactor Regulation, Director. 1p. 27355:287. 24X Fiche: 50-000, 84/11/01, 8411070053.

--8411070130 Requests review & certification of referenced project per Application 425 for financing of pollution control, solid waste disposal & sewage disposal facilities. CHANDLER, D.E. California, State of. 84/10/30. THOMAS, R. Region 5, Office of Director. 9pp. 27356:141. 24X Fiche: 50-000, 84/11/01, 8411070053.

J. Insurance & indemnity information

8411130418 Forwards License DPR-80, safety evaluation, notice of issuance & Amend 17 to Indemnity Agreement B-75. License authorizes operation at reactor core power up to 3,338 MWt. EISENHUT, D.G. Division of Licensing. 84/11/02. SHIFFER, J.D. Pacific Gas & Electric Co. App. 27478:260. 24X Fiche: 50-275, 84/11/02, 8411130418.

--8411130435 Unexecuted Amend 7 to Indemnity Agreement B-75, revising Item 3 in entirety as listed. Tech Specs (NUREG-1102) encl. SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/02. 400pp. 27478:279. 24X Fiche: 50-275, 84/11/02, 8411130418.

8411150132 Forwards Amend 7 to Indemnity Agreement B-75. GROVE, P.A. Pacific Gas & Electric Co. 84/11/07. SALTZMAN, J. Assistant Director for State & Licensee Relations. 2pp. 27497:001. 24X Fiche: 50-275, 84/11/07, 8411150132.

8411150098 Forwards Endorsements 41 & 13 to NELIA & MAELU Policies NF-228 & MF-103, respectively. CRANE, P.A. Pacific Gas & Electric Co. 84/11/09. SALTZMAN, J.D. Assistant Director for State & Licensee Relations. 3pp. 27499:356. 24X Fiche: 50-275, 84/11/09, 8411150098.

M. Antitrust correspondence

8411150301 Forwards DOJ advice ltr to NRC in connection w/PQ&E application to construct Stanislaus Nuclear Project per 841030 telcon & ltr. W/o encl. VOGLER, B.H. Hearing Branch 2. #484 140. 84/11/13. WALTERS, B.E. Bonneville Power Administration. 1p. 27528:125. 24X Fiche: 50-275, 84/11/13, 8411150301.

G. Inspection reports, IE Bulletins & correspondence

8411030334 Forwards Insp Repts 50-275/84-32 & 50-323/84-20 on 840902-29. No violations noted. BISHOP, T.W. Region 5, Office of Director. 84/10/16. SHIFFER, J.D. Pacific Gas & Electric Co. 1p. 27287:352. 24X Fiche: 50-275, 84/10/16, 8411030334.

--8411030346 Insp Repts 50-275/84-32 & 50-323/84-20 on 840902-29. No violations noted. Major areas inspected: plant operations, hot functional test program, startup test program & followup on open items, LERs & enforcement actions. MENDONCA, M.M., PADOVAN, M.L., ROSS, T.M. Region 5, Office of Director. 84/10/15. 9pp. 27287:353. 24X Fiche: 50-275, 84/10/16, 8411030334.

8411120435 Forwards Insp Repts 50-275/84-27 & 50-323/84-19 on 840813-17 & 27-31. No violations noted. WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/19. SHIFFER, J.D. Pacific Gas & Electric Co. 1p. 27458:073. 24X Fiche: 50-275, 84/10/19, 8411120435.

--8411120439 Insp Repts 50-275/84-27 & 50-323/84-19 on 840813-17 & 27-31. No violations noted. Major areas inspected: Unit 1 startup tests, Unit 2 preoperational tests, radiation monitor calibr & implementation of NUREG 0737, Items II.B.3 & II.F.1. GARCIA, E.M., YUHAS, G.P. Region 5, Office of Director. 84/10/19. 12pp. 27458:074. 24X Fiche: 50-275, 84/10/19, 8411120435.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411040254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411040254.

8411200310 Forwards actions taken per 840820 & 24 investigations of allegations re fire door frame installation. Defective door replaced or sealed w/caulking. Fire door frame installations comply w/design & installation requirements. SHIFFER, J.D. Pacific Gas & Electric Co. 84/11/13. MARTIN, J.B. Region 5, Office of Director. 3pp. 27571:323. 24X Fiche: 50-275, 84/11/13, 8411200310.

8411190529 Forwards SALP Repts 50-275/84-34 & 50-323/84-22 for Jan 1983 - June 1984. MARTIN, J.B. Region 5, Office of Director. 84/11/14. SHIFFER, J.D. Pacific Gas & Electric Co. 2pp. 27581:142. 24X Fiche: 50-275, 84/11/14, 8411190529.

--8411190535 SALP Repts 50-275/84-34 & 50-323/84-34 for Jan 1983 - June 1984. * Region 5, Office of Director. 84/11/14. 46pp. 27581:144. 24X Fiche: 50-275, 84/11/14, 8411190529.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 116pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411200235 Amended petition under 10CFR2.206 urging NRC to restore legality to PQ&E GA program to ensure existing nuclear facilities & facilities coming online operate safely. DEVINE, T. Government Accountability Project. #484 191. 84/11/16. Commissioners. 97pp. 27578:198. 24X Fiche: 50-275, 84/11/16, 8411200235.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411290067 Monthly repts for Oct 1984 for discharge monitoring program. Monitoring rept Form G-2 & static bioassay rept encl. THORNBERRY, R.C. Pacific Gas & Electric Co. 84/11/19. JONES, K.R. California, State of. 10pp. 27721:106. 24X Fiche: 50-275, 84/11/19, 8411290067.

S. Reportable occurrences, LERs & related correspondence

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

U. Congressional/Executive Correspondence

8411150120 Responds to 841025 request for Commission views on whether public interest would be better served by continuing to maintain confidentiality of plant transcripts. Confidentiality should be maintained. PALLADINO, N.J. Commissioners. 84/10/29. MARKEY, E. House of Rep., Interior & Insular Affairs. 5pp. 27543:286. 24X Fiche: 50-275, 84/10/29, 8411150120.

DOCKETED ITEMS

B41130614 Registers disagreement w/Commissioner Asselstine comments at field oversight hearing. Asselstine comments re NRC preoccupation w/avoiding licensing delays & suggestion that NRC has lost sight of mission disputed for record.
PALLADINO, N. J. Commissioners. 84/10/31. PATTERSON, J. House of Rep. 2pp. 27471:324. 24X Fiche: 50-275, 84/10/31, B41130614.

DOCKET 50-324 BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2

F. Security, medical, emergency & fire protection plans

B41150104 Requests that 20-day submittal of annual emergency exercise scenario be eliminated. Detailed exercise scenario w/all controller info should be submitted in accordance w/45-day schedule. No change needed to 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. UTLEY, E. E. Carolina Power & Light Co. 2pp. 27529:360. 24X Fiche: 50-000, 84/10/11, B41150104.

B411070040 Forwards response to NRC 840727 comments & Rev 1 to "Emergency Operating Procedures Generation Package."
ZIMMERMAN, S. R. Carolina Power & Light Co. 84/10/31. VASSALLO, D. B. Operating Reactors Branch 2. 17pp. 27357:333. 24X Fiche: 50-324, 84/10/31, B411070040.

--B411070046 Rev 1 to "Emergency Operating Procedures Generation Package."
* Carolina Power & Light Co. 84/10/31. 191pp. 27357:350. 24X Fiche: 50-324, 84/10/31, B411070046.

P. Operating license stage documents & correspondence

B411010172 Commends plant staff on prompt & effective response action during Hurricane Diana.
O'REILLY, J. P. Region 2, Office of Director. 84/10/03. UTLEY, E. E. Carolina Power & Light Co. 1p. 27249:357. 24X Fiche: 50-324, 84/10/03, B411010172.

B411080426 Forwards topical rept evaluation of util 830531 submittal of Topical Rept NF-1583.04, "Verification of CP&L Ref BWR Thermal-Hydraulic Methods Using FIBWR Code." Rept acceptable for ref in reload thermal-hydraulic analysis.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/22. UTLEY, E. E. Carolina Power & Light Co. 2pp. 27405:219. 24X Fiche: 50-324, 84/10/22, B411080426.

--B411080427 Topical rept evaluation of NF-1583.04, "Verification of CP&L Ref BWR Thermal-Hydraulic Methods Using FIBWR Code." Rept acceptable for ref in reload thermal-hydraulic analysis.
* Office of Nuclear Reactor Regulation, Director. 84/10/22. 9pp. 27405:221. 24X Fiche: 50-324, 84/10/22, B411080426.

B411070346 Forwards Amends 77 & 104 to Licenses DPR-71 & DPR-62, respectively & safety evaluation. Amends revise Tech Specs to reduce min permitted water height covering spent fuel in spent fuel pool.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/25. UTLEY, E. E. Carolina Power & Light Co. 2pp. 27388:131. 24X Fiche: 50-324, 84/10/25, B411070346.

--B411070347 Amends 77 & 104 to Licenses DPR-71 & DPR-62, respectively, reducing min permitted water height covering spent fuel in spent fuel pool.
VASSALLO, D. B. Operating Reactors Branch 2. 84/10/25. 10pp. 27388:133. 24X Fiche: 50-324, 84/10/25, B411070346.

--B411070348 Safety evaluation supporting Amends 77 & 104 to Licenses DPR-71 & DPR-62, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/25. 3pp. 27388:143. 24X Fiche: 50-324, 84/10/25, B411070346.

B410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, B410290050.

B411090034 Requests selected training info & operating procedures re operator actions during seismic events. Info will be used by human factors analysts in RES & INEL. Info requested within 1 month.
VAROA, S. A. Operating Reactors Branch 1. 84/10/26. UTLEY, E. E. Carolina Power & Light Co. 2pp. 27423:298. 24X Fiche: 50-000, 84/10/26, B411090034.

B411070057 Application for amend to Licenses DPR-71 & DPR-62, changing Tech Specs to incorporate new reporting requirements as defined by Commission in Generic Ltr 83-43. Fee paid.
CUTTER, A. B. Carolina Power & Light Co. 84/10/29. VASSALLO, D. B. Operating Reactors Branch 2. 2pp. 27355:154. 24X Fiche: 50-324, 84/10/29, B411070057.

--B411070068 Proposed Tech Specs incorporating new reporting requirements as defined by Commission in Generic Ltr 83-43.
* Carolina Power & Light Co. 84/10/29. 62pp. 27355:156. 24X Fiche: 50-324, 84/10/29, B411070057.

B41130124 Notification of B41113 meeting w/util in Bethesda, MD to discuss integrated schedule & licensing coordination.
GROTHENHUIS, M. Operating Reactors Branch 2. 84/11/02. VASSALLO, D. B. Operating Reactors Branch 2. 1p. 27478:107. 24X Fiche: 50-324, 84/11/02, B41130124.

B411210156 Notification of time change for B41113 meeting w/util in Bethesda, MD to discuss integrated schedule & licensing coordination.
GROTHENHUIS, M. Operating Reactors Branch 2. 84/11/02. VASSALLO, D. B. Operating Reactors Branch 2. 1p. 27624:354. 24X Fiche: 50-324, 84/11/02, B411210156.

B41140128 Forwards revised justifications for continued operation re environ qualification of safety-related equipment. Encl supersedes 840926 submission.
ZIMMERMAN, S. R. Carolina Power & Light Co. 84/11/05. VASSALLO, D. B. Operating Reactors Branch 2. 57pp. 27464:304. 24X Fiche: 50-324, 84/11/05, B41140128.

B41140117 Forwards Wyle Labs test results of "Environ Qualification of Raychem-Fiamtrom TM-1000 Volt Control 7/C 12AWG 1975 CG12-400 Cable for CP&L Brunswick Steam Electric Plants 1 & 2." Cable believed fully qualified for application to plant.
ZIMMERMAN, S. R. Carolina Power & Light Co. 84/11/06. VASSALLO, D. B. Operating Reactors Branch 2. 6pp. 27464:001. 24X Fiche: 50-324, 84/11/06, B41140117.

--B41140126 "Environ Qualification of Raychem-Fiamtrom TM-1,000 Volt Control 7/C 12AWG 1975 CG12-400 Cable for CP&L Brunswick Steam Electric Plants 1 & 2."
* Wyle Laboratories. 588B3. 84/08/24. 123pp. 27464:007. 24X Fiche: 50-324, 84/11/06, B41140117.

B41150317 Requests fee for 840925 application to amend Licenses DPR-62 & DPR-71, changing spent fuel pool buffer zone.
DIGGS, R. M. License Fee Management Branch. 84/11/06. UTLEY, E. E. Carolina Power & Light Co. 1p. 27530:287. 24X Fiche: 50-324, 84/11/06, B41150317.

B411290014 Forwards request for addl info within 60 days re adequacy of station electric sys voltage & Tech Specs on degraded voltage relays. Description of methods for performing test & identification of busses where voltages measured requested.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/14. UTLEY, E. E. Carolina Power & Light Co. 3pp. 27700:307. 24X Fiche: 50-324, 84/11/14, B411290014.

B411290040 Advises that 840717 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/14. UTLEY, E. E. Carolina Power & Light Co. 2pp. 27700:301. 24X Fiche: 50-324, 84/11/14, B411290040.

G. Inspection reports, IE Bulletins & correspondence

B410150430 Forwards Insp Repts 50-324/84-24 & 50-325/84-24 on 840813-15 & 18. No violations or deviations noted.
VERRELLI, D. M. Region 2, Office of Director. 84/09/17. UTLEY, E. E. Carolina Power & Light Co. 2pp. 27491:234. 24X Fiche: 50-324, 84/09/17, B410150430.

--B410150442 Insp Repts 50-324/84-24 & 50-325/84-24 on 840813-15 & 18. No violations or deviations noted. Major areas inspected: sizing of previously identified crack indications.
COLEY, J. L., BLAKE, J. J. Region 2, Office of Director. 84/09/12. 4pp. 27491:236. 24X Fiche: 50-324, 84/09/17, B410150430.

B41140139 Forwards Insp Repts 50-324/84-25 & 50-325/84-25 on 840820-23. No violations or deviations noted.
VERRELLI, D. M. Region 2, Office of Director. 84/09/18. UTLEY, E. E. Carolina Power & Light Co. 2pp. 27493:340. 24X Fiche: 50-324, 84/09/18, B41140139.

--B41140144 Insp Repts 50-324/84-25 & 50-325/84-25 on 840820-23. No violations or deviations noted. Major areas inspected: radioactive gaseous & liquid waste processing & effluents.
STODDART, P. G., MONTGOMERY, D. M. Region 2, Office of Director. 84/09/13. 6pp. 27493:342. 24X Fiche: 50-324, 84/09/18, B41140139.

DOCKETED ITEMS

147

8411130731 Forwards Insp Repts 50-324/84-29 & 50-325/84-29 on 840905-07. No violation or deviation noted. VERRELLI, D.M. Region 2, Office of Director. 84/09/19. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27461:249. 24X Fiche: 50-324, 84/09/19, 8411130731.

--8411130733 Insp Repts 50-324/84-29 & 50-325/84-29 on 840905-07. No violation or deviation noted. Major areas inspected: snubber surveillance program & flood protection surveillance procedures. LENAHA, J.J., JAFE, F. Region 2, Office of Director. 84/09/17. 5pp. 27461:251. 24X Fiche: 50-324, 84/09/19, 8411130731.

8411150303 Forwards Insp Repts 50-324/84-26 & 50-325/84-26 on 840821-24 & 0913. No violations or deviations noted. VERRELLI, D.M. Region 2, Office of Director. 84/09/20. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27529:065. 24X Fiche: 50-324, 84/09/20, 8411150303.

--8411150311 Insp Repts 50-324/84-26 & 50-325/84-26 on 840821-24 & 0913. No violations or deviations noted. Major areas inspected: training & qualification, external exposure control & personal dosimetry & internal exposure control. ALBRIGHT, R.H., JENKINS, G.R. Region 2, Office of Director. 84/09/20. 7pp. 27529:067. 24X Fiche: 50-324, 84/09/20, 8411150303.

8411010616 Comments on periodic evaluation of SALP for facilities. No major weaknesses identified. W/o EE Utley 840907 response to SALP Board assessment. O'REILLY, J.P. Region 2, Office of Director. 84/10/05. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27245:332. 24X Fiche: 50-000, 84/10/05, 8411010616.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411140507 Forwards monthly operating repts for Sept 1984 & corrected Feb 1983 rept. Gross thermal energy gen (Line 16) incorrect due to apparent software problem. Problem being investigated. W/o Feb 1983 rept. DIETZ, C.R. Carolina Power & Light Co. 84/10/05. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 1p. 27495:257. 24X Fiche: 50-324, 84/10/05, 8411140507.

--8411140511 Monthly operating rept for Sept 1984. HARRISON, F. Carolina Power & Light Co. 84/09/30. 13pp. 27495:258. 24X Fiche: 50-324, 84/10/05, 8411140507.

S. Reportable occurrences, LERs & related correspondence

8411060324 RO-2-84-11: on 840924, reactor scram occurred due to reactor vessel low water level. LER will be submitted by 841107. DIETZ, C.R. Carolina Power & Light Co. 84/10/24. Record Services Branch (Document Control Desk). 1p. 27352:334. 24X Fiche: 50-324, 84/10/24, 8411060324.

8411200034 LER 84-001-00: on 840330, local leak rate testing of primary containment isolation valves revealed nonquantifiable leak rate for reactor feedwater line 8 penetration X-7B. Caused by problems w/seat discs, O-rings & bellows. W/841030 ltr. PASTVA, M.J., DIETZ, C.R. Carolina Power & Light Co. 84/10/30. 6pp. 27437:333. 24X Fiche: 50-324, 84/10/30, 8411200034.

8411140571 LER 84-011-00: on 840924, automatic trip of Channels A & B w/primary containment isolation sys occurred due to reactor low water level. Caused by misoperation of RHR sys. Operator involved counseled & disciplined. W/841101 ltr. PASTVA, M.J., DIETZ, C.R. Carolina Power & Light Co. 84/11/01. 4pp. 27495:152. 24X Fiche: 50-324, 84/11/01, 8411140571.

DOCKET 50-325 BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1

F. Security, medical, emergency & fire protection plans

8411150104 Requests that 20-day submittal of annual emergency exercise scenario be eliminated. Detailed exercise scenario w/all controller info should be submitted in accordance w/45-day schedule. No change needed to 75-day schedule. LEWIS, R.C. Region 2, Office of Director. 84/10/11. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27529:360. 24X Fiche: 50-000, 84/10/11, 8411150104.

8411070040 Forwards response to NRC 840727 comments & Rev 1 to "Emergency Operating Procedures Generation Package." ZIMMERMAN, S.R. Carolina Power & Light Co. 84/10/31. VASSALLO, D.B. Operating Reactors Branch 2. 17pp. 27357:333. 24X Fiche: 50-324, 84/10/31, 8411070040.

--8411070046 Rev 1 to "Emergency Operating Procedures Generation Package." * Carolina Power & Light Co. 84/10/31. 191pp. 27357:350. 24X Fiche: 50-324, 84/10/31, 8411070040.

P. Operating license stage documents & correspondence

8411010172 Commends plant staff on prompt & effective response action during Hurricane Diana. O'REILLY, J.P. Region 2, Office of Director. 84/10/03. UTLEY, E.E. Carolina Power & Light Co. 1p. 27249:357. 24X Fiche: 50-324, 84/10/03, 8411010172.

8411080426 Forwards topical rept evaluation of util 830531 submittal of Topical Rept NF-1583.04, "Verification of CP&L Ref BWR Thermal-Hydraulic Methods Using FIBWR Code." Rept acceptable for ref in reload thermal-hydraulic analysis. VASSALLO, D.B. Operating Reactors Branch 2. 84/10/22. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27405:219. 24X Fiche: 50-324, 84/10/22, 8411080426.

--8411080427 Topical rept evaluation of NF-1583.04, "Verification of CP&L Ref BWR Thermal-Hydraulic Methods Using FIBWR Code." Rept acceptable for ref in reload thermal-hydraulic analysis. * Office of Nuclear Reactor Regulation, Director. 84/10/22. 9pp. 27405:221. 24X Fiche: 50-324, 84/10/22, 8411080426.

8411200040 Forwards notice of consideration of issuance of amend to License DPR-71 & proposed NSHC determination & opportunity for hearing re 840904 & 1022 requests for one-time extension from surveillance requirements of 10CFR50, App J. GROTHENHUIS, M. Operating Reactors Branch 2. 84/10/24. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27588:330. 24X Fiche: 50-325, 84/10/24, 8411200040.

--8411200050 Notice of consideration of issuance of amend to License DPR-71 & proposed NSHC determination & opportunity for hearing re 840904 & 1022 requests for one-time extension from surveillance requirements of 10CFR50, App J. VASSALLO, D.B. Operating Reactors Branch 2. 84/10/24. 9pp. 27588:332. 24X Fiche: 50-325, 84/10/24, 8411200040.

8411070346 Forwards Amends 77 & 104 to Licenses DPR-71 & DPR-62, respectively & safety evaluation. Amends revise Tech Specs to reduce min permitted water height covering spent fuel in spent fuel pool. VASSALLO, D.B. Operating Reactors Branch 2. 84/10/25. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27388:131. 24X Fiche: 50-324, 84/10/25, 8411070346.

DOCKETED ITEMS

- B411070347 Amends 77 & 104 to Licenses DPR-71 & DPR-62, respectively, reducing min permitted water height covering spent fuel in spent fuel pool.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/25. 10pp. 27388:133. 24X Fiche: 50-324, 84/10/25, 8411070346.
- B411070348 Safety evaluation supporting Amends 77 & 104 to Licenses DPR-71 & DPR-62, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/25. 3pp. 27388:143. 24X Fiche: 50-324, 84/10/25, 8411070346.
- B410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden I re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, 8410290050.
- B411090034 Requests selected training info & operating procedures re operator actions during seismic events. Info will be used by human factors analysts in RES & INEL. Info requested within 1 month.
VARGA, S.A. Operating Reactors Branch 1. 84/10/26. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27423:298. 24X Fiche: 50-000, 84/10/26, 8411090034.
- B411200010 Forwards notice of environ assessment & finding of no significant impact re 840904 & 1022 requests for exemption from 10CFR50, App J, Section D, Part 2 permitting one-time extension of local leak rate test interval.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/26. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27588:357. 24X Fiche: 50-325, 84/10/26, 8411200010.
- B411200015 Notice of environ assessment & finding of no significant impact re 840904 & 1022 requests for exemption from 10CFR50, App J, Section D, Part 2 permitting one-time extension of local leak rate test interval.
LAINAS, G.C. Assistant Director for Operating Reactors. 84/10/26. 3pp. 27588:359. 24X Fiche: 50-325, 84/10/26, 8411200010.
- B411070057 Application for amend to Licenses DPR-71 & DPR-62, changing Tech Specs to incorporate new reporting requirements as defined by Commission in Generic Ltr 83-43. Fee paid.
CUTTER, A.B. Carolina Power & Light Co. 84/10/29. VASSALLO, D.B. Operating Reactors Branch 2. 2pp. 27355:154. 24X Fiche: 50-324, 84/10/29, 8411070057.
- B411070068 Proposed Tech Specs incorporating new reporting requirements as defined by Commission in Generic Ltr 83-43.
* Carolina Power & Light Co. 84/10/29. 62pp. 27355:156. 24X Fiche: 50-324, 84/10/29, 8411070057.
- B411200056 Requests environ qualification justification for continued operation be reviewed to confirm acceptability on same basis as qualification for Unit 2. Response requested within 30 days of ltr receipt.
EISENHUT, D.G. Division of Licensing. 84/11/01. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27588:328. 24X Fiche: 50-325, 84/11/01, 8411200056.
- B411130124 Notification of B41113 meeting w/util in Bethesda, MD to discuss integrated schedule & licensing coordination.
GROTEHUIS, M. Operating Reactors Branch 2. 84/11/02. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27478:107. 24X Fiche: 50-324, 84/11/02, 8411130124.
- B411210156 Notification of time change for B41113 meeting w/util in Bethesda, MD to discuss integrated schedule & licensing coordination.
GROTEHUIS, M. Operating Reactors Branch 2. 84/11/02. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27624:354. 24X Fiche: 50-324, 84/11/02, 8411210156.
- B411140117 Forwards Wyle Labs test results of "Environ Qualification of Raychem-Flamtronic TM-1000 Volt Control 7/C 12AWG 1975 C012-400 Cable for CP&L Brunswick Steam Electric Plants 1 & 2." Cable believed fully qualified for application to plant.
ZIMMERMAN, S.R. Carolina Power & Light Co. 84/11/06. VASSALLO, D.B. Operating Reactors Branch 2. 6pp. 27464:001. 24X Fiche: 50-324, 84/11/06, 8411140117.
- B411140126 "Environ Qualification of Raychem-Flamtronic TM-1,000 Volt Control 7/C 12AWG 1975 C012-400 Cable for CP&L Brunswick Steam Electric Plants 1 & 2."
* Wyle Laboratories. 58883. 84/08/24. 125pp. 27464:007. 24X Fiche: 50-324, 84/11/06, 8411140117.
- B411150317 Requests fee for 840925 application to amend Licenses DPR-62 & DPR-71, changing spent fuel pool buffer zone.
DIGGS, R.M. License Fee Management Branch. 84/11/06. UTLEY, E.E. Carolina Power & Light Co. 1p. 27530:287. 24X Fiche: 50-324, 84/11/06, 8411150317.
- B411290014 Forwards request for addl info within 60 days re adequacy of station electric sys voltage & Tech Specs on degraded voltage relays. Description of methods for performing test & identification of busses where voltages measured requested.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/14. UTLEY, E.E. Carolina Power & Light Co. 3pp. 27700:307. 24X Fiche: 50-324, 84/11/14, 8411290014.
- B411290040 Advises that 840717 response to NUREG-0737, Item II, K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/14. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27700:301. 24X Fiche: 50-324, 84/11/14, 8411290040.
- G. Inspection reports, IE Bulletins & correspondence
- B410150430 Forwards Insp Repts 50-324/84-24 & 50-325/84-24 on 840813-15 & 18. No violations or deviations noted.
VERRELLI, D.M. Region 2, Office of Director. 84/09/17. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27491:234. 24X Fiche: 50-324, 84/09/17, 8410150430.
- B410150442 Insp Repts 50-324/84-24 & 50-325/84-24 on 840813-15 & 18. No violations or deviations noted. Major areas inspected: sizing of previously identified crack indications.
COLEY, J.L., BLAKE, J.J. Region 2, Office of Director. 84/09/12. 4pp. 27491:236. 24X Fiche: 50-324, 84/09/17, 8410150430.
- B411140139 Forwards Insp Repts 50-324/84-25 & 50-325/84-25 on 840820-23. No violations or deviations noted.
VERRELLI, D.M. Region 2, Office of Director. 84/09/18. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27493:340. 24X Fiche: 50-324, 84/09/18, 8411140139.
- B411140144 Insp Repts 50-324/84-25 & 50-325/84-25 on 840820-23. No violations or deviations noted. Major areas inspected: radioactive gaseous & liquid waste processing & effluents.
STODDART, P.G., MONTGOMERY, D.M. Region 2, Office of Director. 84/09/13. 6pp. 27493:342. 24X Fiche: 50-324, 84/09/18, 8411140139.
- B411130731 Forwards Insp Repts 50-324/84-29 & 50-325/84-29 on 840905-07. No violation or deviation noted.
VERRELLI, D.M. Region 2, Office of Director. 84/09/19. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27461:249. 24X Fiche: 50-324, 84/09/19, 8411130731.
- B411130733 Insp Repts 50-324/84-29 & 50-325/84-29 on 840905-07. No violation or deviation noted. Major areas inspected: snubber surveillance program & flood protection surveillance procedures.
LENAHAN, J.J., JAFE, F. Region 2, Office of Director. 84/09/17. 5pp. 27461:251. 24X Fiche: 50-324, 84/09/19, 8411130731.
- B411150303 Forwards Insp Repts 50-324/84-26 & 50-325/84-26 on 840821-24 & 0913. No violations or deviations noted.
VERRELLI, D.M. Region 2, Office of Director. 84/09/20. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27529:065. 24X Fiche: 50-324, 84/09/20, 8411150303.
- B411150311 Insp Repts 50-324/84-26 & 50-325/84-26 on 840821-24 & 0913. No violations or deviations noted. Major areas inspected: training & qualification, external exposure control & personal dosimetry & internal exposure control.
ALBRIGHT, R.H., JENKINS, G.R. Region 2, Office of Director. 84/09/20. 7pp. 27529:067. 24X Fiche: 50-324, 84/09/20, 8411150303.
- B411010616 Comments on periodic evaluation of SALP for facilities. No major weaknesses identified. W/o EE Utley 840907 response to SALP Board assessment.
O'REILLY, J.P. Region 2, Office of Director. 84/10/05. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27245:332. 24X Fiche: 50-000, 84/10/05, 8411010616.
- B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.
- B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

DOCKETED ITEMS

149

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411140507 Forwards monthly operating repts for Sept 1984 & corrected Feb 1983 repts. Gross thermal energy gen (Line 16) incorrect due to apparent software problem. Problem being investigated. W/o Feb 1983 repts.
DIETZ, C.R. Carolina Power & Light Co. 84/10/05. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 1p. 27495:257. 24X Fiche: 50-324, 84/10/05, 8411140507.

--8411140511 Monthly operating repts for Sept 1984.
HARRISON, F. Carolina Power & Light Co. 84/09/30. 13pp. 27495:258. 24X Fiche: 50-324, 84/10/05, 8411140507.

S. Reportable occurrences, LERs & related correspondence

8411190333 RD 1-SR-84-3: on 840827, Fire Doors 111 & 201 limiting conditions of operation initiated. Caused by door latch closing mechanism preventing automatic closure. Doors repaired & returned to svc while fire watch maintained.
DIETZ, C.R. Carolina Power & Light Co. 84/10/01. O'REILLY, J.P. Region 2, Office of Director. 1p. 27567:290. 24X Fiche: 50-325, 84/10/01, 8411190333.

8411020424 RD 1-84-17 re investigation & evaluation of event re RHR svc water Loop B. Item not reportable.
DIETZ, C.R. Carolina Power & Light Co. 84/10/22. Record Services Branch (Document Control Desk). 1p. 27274:309. 24X Fiche: 50-325, 84/10/22, 8411020424.

8411120042 LER 84-027-00: on 840930, RCIC automatically isolated due to actuation of sys A isolation logic RCIC equipment room temp instrument 1-E91-N602A. Caused by deflected steam from leak at RCIC sys valve 1-E91-V20. W/841030 ltr.
PASTVA, M.J., DIETZ, C.R. Carolina Power & Light Co. 84/10/30. 3pp. 27437:329. 24X Fiche: 50-325, 84/10/30, 8411120042.

8411140315 Special Rept 1-SR-84-5: review revealed that Procedure PT-04.1.6PC re containment radiation monitor channel calibr not performed by 840110 as required. Caused by personnel entering completion date for Unit 2 in Unit 1 tracking sys.
DIETZ, C.R. Carolina Power & Light Co. 84/10/31. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27491:348. 24X Fiche: 50-325, 84/10/31, 8411140315.

8411150164 LER 84-025-02: on 840910, automatic reactor scram & primary containment Group 1 isolation occurred due to instrument upscale actuation. Caused by lightning striking turbine bldg structure heater bay & electrical switchyard. W/841031 ltr.
PASTVA, M.J., DIETZ, C.R. Carolina Power & Light Co. 84/10/31. 4pp. 27529:350. 24X Fiche: 50-325, 84/10/31, 8411150164.

8411160144 Special Rept 1-SR-84-7: on 840924, fire barrier limiting condition initiated for fire door in emergency ac diesel generator bldg. Caused by failure of door to open & close as result of differential pressure conditions.
DIETZ, C.R. Carolina Power & Light Co. 84/10/31. O'REILLY, J.P. Region 2, Office of Director. 1p. 27545:342. 24X Fiche: 50-325, 84/10/31, 8411160144.

8411130445 LER 84-019-00: on 840901, reactor/turbine gauge board alarm annunciators associated w/reactor bldg roof ventilation radiation monitor 1-CAC-AQH-1264 determined to be inoperable from 840101-0305. W/841101 ltr.
PASTVA, M.J., DIETZ, C.R. Carolina Power & Light Co. 84/11/01. 3pp. 27459:093. 24X Fiche: 50-325, 84/11/01, 8411130445.

8411210052 LER 82-125/03L-1: on 821222, diesel generator 2 tripped & automatically locked out, rendering diesel unavailable for automatic operation. Caused by air in sensing line of diesel lube oil pressure switch. Air removed. W/841105 ltr.
PASTVA, M.J., DIETZ, C.R. Carolina Power & Light Co. 84/11/05. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27606:129. 24X Fiche: 50-325, 84/11/05, 8411210052.

8411090087 PNO-II-84-084: indications of four cracks detected in Loop A of recirculation sys 12-inch jet pump risers during insps for IGSCC, performed in accordance w/Generic Ltr 84-11.
FREDRICKSON, P., VERRELLI, D.M. Region 2, Office of Director. 84/11/06. 2pp. 27398:304. 24X Fiche: 50-325, 84/11/06, 8411090087.

8411210447 RD 1-84-17: on 841103-05, testing revealed presence of crack indications at four pipe welds on reactor recirculation loop 12-inch riser piping.
DIETZ, C.R. Carolina Power & Light Co. 84/11/13. Record Services Branch (Document Control Desk). 2pp. 27607:093. 24X Fiche: 50-325, 84/11/13, 8411210447.

8411280355 RD 1-84-18: on 841018, wide flange support beam of hydraulic snubber 1-E11-8958471 twisted slightly at snubber attachment. Investigation & evaluation of event incomplete. LER will be submitted by 841221.
DIETZ, C.R. Carolina Power & Light Co. 84/11/15. Record Services Branch (Document Control Desk). 1p. 27684:035. 24X Fiche: 50-325, 84/11/15, 8411280355.

8411280322 LER 84-029-00: on 841022, train A of common control bldg emergency air sys automatically started due to fire alarm. Caused by welding/grinding activities. Fire detectors to be removed from svc during activities. W/841116 ltr.
PASTVA, M.J., DIETZ, C.R. Carolina Power & Light Co. 84/11/16. 2pp. 27687:138. 24X Fiche: 50-325, 84/11/16, 8411280322.

DOCKET 50-326 UNIV. OF CALIFORNIA AT IRVINE RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

8411050257 Forwards revised emergency plan procedures & Rev 1 to emergency plan.
MILLER, G.E. California, Univ. of, Irvine, CA. 84/10/31. THOMAS, C.O. Standardization & Special Projects Branch. 1p. 27302:209. 24X Fiche: 50-326, 84/10/31, 8411050257.

--8411050264 Revised emergency plan procedures, including emergency evacuation procedures for campus bldgs & operations plans.
MILLER, G.E. California, Univ. of, Irvine, CA. 84/07/01. 39pp. 27302:210. 24X Fiche: 50-326, 84/10/31, 8411050257.

--8411050268 Rev 1 to emergency plan.
MILLER, G.E. California, Univ. of, Irvine, CA. 84/10/31. 34pp. 27302:249. 24X Fiche: 50-326, 84/10/31, 8411050257.

DOCKET 50-327 SEQUOYAH NUCLEAR PLANT, UNIT 1

F. Security, medical, emergency & fire protection plans

8411140530 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27495:212. 24X Fiche: 50-000, 84/10/11, 8411140530.

8411020186 Radiological emergency plan revs. W/841026 ltr.
MILLS, L.M. Tennessee Valley Authority. 84/10/26. O'REILLY, J.P. Region 2, Office of Director. 13pp. 27259:259. 24X Fiche: 50-327, 84/10/26, 8411020186.

8411020256 Revised radiological emergency plan implementing procedures, including SGN-IP-2 re notification of unusual event, SGN-IP-3 re alert, SGN-IP-4 re site area emergency & SGN-IP-5 re general emergency. W/841026 ltr.
MILLS, L.M. Tennessee Valley Authority. 84/10/26. O'REILLY, J.P. Region 2, Office of Director. 17pp. 27255:209. 24X Fiche: 50-327, 84/10/26, 8411020256.

DOCKETED ITEMS

- 8411050288 Revised Central Emergency Control Ctr Implementing Procedures IP-1 re transportation accident involving shipment of radwaste & IP-6 re alert, site area, emergency & general emergency. W/841030 ltr.
MILLS, L. M. Tennessee Valley Authority. 84/10/30. 16pp. 27301:323. 24X Fiche: 50-000, 84/10/30, 8411050288.
- 8411060321 Forwards revised page of physical security plan. Info resolves NRC concerns re plan. Page withheld (ref 10CFR73.21).
MILLS, L. M. Tennessee Valley Authority. 84/11/01. Record Services Branch (Document Control Desk). 2pp. 27321:040. 24X Fiche: 50-327, 84/11/01, 8411060321.
- 8411200304 Advises that 840921 Rev 9 to generic security personnel training & qualification plan inconsistent w/provisions of 10CFR50.54(p) & unacceptable. Addl info delineated in encl requested. Encl withheld (ref 10CFR73.21).
OLSHINSKI, J. A. Region 2, Office of Director. 84/11/16. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27576:241. 24X Fiche: 50-000, 84/11/16, 8411200304.
- P. Operating license stage documents & correspondence
- 8411010054 Forwards summary of 840926 meeting w/util in Atlanta, GA re util GA reorganization. Attendee list encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/09. PARRIS, H. G. Tennessee Valley Authority. 4pp. 27250:198. 24X Fiche: 50-000, 84/10/09, 8411010054.
- 841150279 Advises that QA program submitted on 830711 satisfies requirements of 10CFR50, App B & acceptable.
LEWIS, R. C. Region 2, Office of Director. 84/10/12. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27528:298. 24X Fiche: 50-000, 84/10/12, 841150279.
- 8411010021 Forwards SER & FR notice granting relief in response to util 840730 & 0918 hydrostatic pressure test relief requests.
NOVAK, T. M. Assistant Director for Licensing. 84/10/15. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27266:319. 24X Fiche: 50-327, 84/10/15, 8411010021.
- 8411010026 Safety evaluation supporting relief request from hydrostatic test requirements of ASME Code, Section XI.
* NRC - No Detailed Affiliation Given. 84/10/15. 3pp. 27266:321. 24X Fiche: 50-327, 84/10/15, 8411010021.
- 8411010029 Notice of granting of relief from certain requirements of ASME Code, Section XI re inservice testing requirements.
ADENSAM, E. G. Licensing Branch 4. 84/10/15. 3pp. 27266:324. 24X Fiche: 50-327, 84/10/15, 8411010021.
- 841160162 Forwards Rev 8 to "QA Program Description for Design, Const & Operation of TVA Nuclear Power Plants," reflecting organizational changes in program.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27537:331. 24X Fiche: 50-000, 84/10/22, 841160162.
- 841160177 Rev 8 to "QA Program Description for Design, Const & Operation of TVA Nuclear Power Plants."
* Tennessee Valley Authority. TVA-TR75-1A R08. 84/10/22. 239pp. 27537:333. 24X Fiche: 50-000, 84/10/22, 841160162.
- 841150240 Forwards summary of 841016 meeting w/util re functions of nuclear safety review staff. Attendance list & "Summary Description of Activities of TVA Nuclear Safety Review Staff" encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/26. PARRIS, H. G. Tennessee Valley Authority. 20pp. 27529:259. 24X Fiche: 50-000, 84/10/26, 841150240.
- 8411060080 Forwards supplemental info to 840820 submittal re proposed Tech Spec change concerning fifth vital battery, in response to 841026 telcon request.
MILLS, L. M. Tennessee Valley Authority. 84/11/01. ADENSAM, E. G. Licensing Branch 4. 3pp. 27324:093. 24X Fiche: 50-327, 84/11/01, 8411060080.
- 8411060166 Forwards final rept of addl testing on Tayco igniters. Igniter design can be modified to add cylindrical perforated shield to resolve issue of hydrogen combustion control.
MILLS, L. M. Tennessee Valley Authority. 84/11/02. ADENSAM, E. G. Licensing Branch 4. 4pp. 27323:001. 24X Fiche: 50-327, 84/11/02, 8411060166.
- 841140209 Application for amend to Licenses DPR-77 & DPR-79, changing Tech Specs to delete Table 3.8-1 re containment penetration conductor overcurrent devices from Section 3/4.8.3.1. Fee paid.
SHELL, R. H. Tennessee Valley Authority. 84/11/07. ADENSAM, E. G. Licensing Branch 4. 2pp. 27467:021. 24X Fiche: 50-327, 84/11/07, 841140209.
- 841140214 Proposed Tech Specs deleting Table 3.8.1 re containment penetration conductor overcurrent devices from Section 3/4.8.3.1.
* Tennessee Valley Authority. 84/11/07. 9pp. 27467:023. 24X Fiche: 50-327, 84/11/07, 841140209.
- 8411260274 Informs that short duration integrated leak rate test (Type A), discussed in 821123 ltr, will also be performed on Unit 2.
DOMER, J. A. Tennessee Valley Authority. 84/11/13. ADENSAM, E. G. Licensing Branch 4. 1p. 27613:102. 24X Fiche: 50-327, 84/11/13, 8411260274.
- 8411200308 Forwards revised peaking factor limit rept for Unit 1, Cycle 3 in which format amended to provide exact determination of W(Z) vs core height as function of cycle burnup. Revised format will be utilized during remainder of Cycle 3.
DOMER, J. A. Tennessee Valley Authority. 84/11/14. BERLINGER, C. H. Division of Licensing. 5pp. 27576:268. 24X Fiche: 50-327, 84/11/14, 8411200308.
- 8411280182 Forwards rev to 841107 submittal re safety-related electrical equipment, providing further clarification & deleting one item from extension request. Approx 490 components will be replaced by end of refueling outage.
DOMER, J. A. Tennessee Valley Authority. 84/11/21. ADENSAM, E. G. Licensing Branch 4. 5pp. 27657:063. 24X Fiche: 50-327, 84/11/21, 8411280182.
- G. Inspection reports, IE Bulletins & correspondence
- 841150063 Ack receipt of revised 840921 response informing NRC of steps taken to correct violations noted in Insp Repts 50-327/83-26 & 50-328/83-26. Violation occurred as stated.
O'REILLY, J. P. Region 2, Office of Director. 84/10/16. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27530:030. 24X Fiche: 50-327, 84/10/16, 841150063.
- 841150073 Forwards evaluation of licensee 840120 response to Item C of 831221 notice of violation per Insp Repts 50-327/83-26 & 50-328/83-26. Violation occurred as stated. Response should be resubmitted within 30 days of ltr date.
O'REILLY, J. P. Region 2, Office of Director. 84/06/25. PARRIS, H. G. Tennessee Valley Authority. 4pp. 27530:032. 24X Fiche: 50-327, 84/10/16, 841150063.
- 841150083 Ack receipt of 840120 ltr informing NRC of steps taken to correct violation noted in Insp Repts 50-327/83-26 & 50-328/83-26. Response to Items A & B meets requirements of 10CFR2.201. Response to Item C still under evaluation.
LEWIS, R. C. Division of Project & Resident Programs. 84/02/07. PARRIS, H. G. Tennessee Valley Authority. 1p. 27530:036. 24X Fiche: 50-327, 84/10/16, 841150063.
- 841150094 Responds to NRC 831221 ltr re violation noted in Insp Repts 50-327/83-26 & 50-328/83-26. Corrective actions: computer program corrected & revised. Violation denied in Item C of notice of violation.
MILLS, L. M. Tennessee Valley Authority. 84/01/20. O'REILLY, J. P. Region 2, Office of Director. 7pp. 27530:037. 24X Fiche: 50-327, 84/10/16, 841150063.
- 841150099 Forwards Insp Repts 50-327/83-26 & 50-328/83-26 on 831006-1105 & notice of violation.
LEWIS, R. C. Division of Project & Resident Programs. 83/12/21. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27530:044. 24X Fiche: 50-327, 84/10/16, 841150063.
- 841150130 Notice of violation from insp on 831006-1105.
* Region 2, Office of Director. 83/12/21. 2pp. 27530:046. 24X Fiche: 50-327, 84/10/16, 841150063.
- 841150137 Insp Repts 50-327/83-26 & 50-328/83-26 on 841006-1105. Violations noted: failure to have operable acoustic monitors during mode change, to meet snubber limiting condition of operation & failure to properly calibr channels.
FORD, E. J., BUTLER, S. D. Region 2, Office of Director. JULIAN, C. A. Division of Project & Resident Programs. 83/12/18. 7pp. 27530:048. 24X Fiche: 50-327, 84/10/16, 841150063.

DOCKETED ITEMS

151

8411080261 Discusses commitments made during 841016 telcon re IE Bulletin 84-03, "Refueling Cavity Water Seal," during current refueling outage at Unit 2. One irradiated fuel assembly will be moved at one time inside reactor cavity. MILLS, L.M. Tennessee Valley Authority. 84/10/17. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27392:057. 24X Fiche: 50-327, 84/10/17, 8411080261.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. ORACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411080283 Forwards supplemental response to IE Bulletin 84-03, "Refueling Cavity Water Seal." Util demonstrated, utilizing actual calculations, that gross seal failure experienced at Haddam Neck not credible at facilities. MILLS, L.M. Tennessee Valley Authority. 84/10/26. O'REILLY, J.P. Region 2, Office of Director. 9pp. 27392:064. 24X Fiche: 50-327, 84/10/26, 8411080283.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

841140440 Monthly operating repts for Sept 1984, W/841015 ltr. EDDINGS, M.O., DUPREE, D.C., WALLACE, P.R. Tennessee Valley Authority. 84/09/30. 40pp. 27494:175. 24X Fiche: 50-327, 84/09/30, 841140440.

S. Reportable occurrences, LERs & related correspondence

8411010084 Confirms 840925 onsite mgt meeting to discuss review results & actions re nuclear safety review staff investigation of 840419 in-core instrumentation thimble tube ejection event. Proposed agenda encl. LEWIS, R.C. Region 2, Office of Director. 84/09/18. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27250:001. 24X Fiche: 50-327, 84/09/18, 8411010084.

8411030660 LER 84-059-00: on 841009, insp identified various safety-related sys not in compliance w/App R of 10CFR50. Cause not stated. Portable lighting supplied outside main control room for use by operators, W/841023 ltr. COOPER, M.R., WALLACE, P.R. Tennessee Valley Authority. 84/10/23. 6pp. 27283:070. 24X Fiche: 50-327, 84/10/23, 8411030660.

8411060237 LER 84-064-00: on 840925, inadvertent trip occurred on 10-1 steam generator level in Loop 1. Caused by pressure decrease due to opening MSIV FCV-1-4 for Loop 1. Precautionary note added to GOI-1. DUGGIN, G.E., WALLACE, P.R. Tennessee Valley Authority. 84/10/24. 3pp. 27351:260. 24X Fiche: 50-327, 84/10/24, 8411060237.

8411080550 LER 84-061-00: on 840927, RCS pressurizer relief tank pressure indicators had wrong pressure range. Cause not stated. Instrument ranges will be reviewed to ensure agreement w/Tech Specs, W/841026 ltr. DUGGIN, G.E., WALLACE, P.R. Tennessee Valley Authority. 84/10/26. 3pp. 27397:158. 24X Fiche: 50-327, 84/10/26, 8411080550.

8411130638 LER 84-063-00: on 841018, noncompliance of safety-related sys w/10CFR50, App R noted. No cause stated. Fire watches utilized. Implementation schedule of corrective actions expected by 850101. W/841101 ltr. COOPER, M.R., WALLACE, P.R. Tennessee Valley Authority. 84/11/01. 4pp. 27462:039. 24X Fiche: 50-327, 84/11/01, 8411130638.

8411160041 LER 84-067-00: on 841022, listed safety-related sys interactions found not in compliance w/App R of 10CFR50. Fire watches established. Implementation schedule for corrective actions will be submitted by 850101. W/841105 ltr. COOPER, M.R., WALLACE, P.R. Tennessee Valley Authority. 84/11/05. 12pp. 27544:030. 24X Fiche: 50-327, 84/11/05, 8411160041.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411190101 LER 84-065-00: on 841009, two auxiliary bldg isolation events occurred. Caused by mops & buckets carried too close to spent fuel pool radiation monitor. Signals reset. Personnel counseled. KIRK, G.B., WALLACE, P.R. Tennessee Valley Authority. 84/11/08. 3pp. 27568:194. 24X Fiche: 50-327, 84/11/08, 8411190101.

8411200034 LER 84-066-00: on 841009, breaker manually opened w/o supplying alternate power to loads, resulting in loss of control power to diesel generator 2A-A emergency start relay. Caused by personnel error. Breaker closed, W/841108 ltr. DUGGIN, G.E., WALLACE, P.R. Tennessee Valley Authority. 84/11/08. 3pp. 27585:179. 24X Fiche: 50-327, 84/11/08, 8411200034.

8411290613 LER 84-069-00: on 841023, ERCW valve FCV-67-66 to diesel generator found closed w/thermal overload not reset. Caused by error in surveillance instruction. Thermal overload reset & valve operated correctly, W/841121 ltr. DUGGIN, G.E., WALLACE, P.R. Tennessee Valley Authority. 84/11/21. 3pp. 27722:328. 24X Fiche: 50-327, 84/11/21, 8411290613.

DOCKET 50-328 SEQUOYAH NUCLEAR PLANT, UNIT 2

F. Security, medical, emergency & fire protection plans

841140530 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule. LEWIS, R.C. Region 2, Office of Director. 84/10/11. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27495:212. 24X Fiche: 50-000, 84/10/11, 841140530.

8411020186 Radiological emergency plan revs, W/841026 ltr. MILLS, L.M. Tennessee Valley Authority. 84/10/26. O'REILLY, J.P. Region 2, Office of Director. 13pp. 27259:259. 24X Fiche: 50-327, 84/10/26, 8411020186.

8411020256 Revised radiological emergency plan implementing procedures, including SQN-IP-2 re notification of unusual event, SQN-IP-3 re alert, SQN-IP-4 re site area emergency & SQN-IP-5 re general emergency, W/841026 ltr. MILLS, L.M. Tennessee Valley Authority. 84/10/26. O'REILLY, J.P. Region 2, Office of Director. 17pp. 27255:209. 24X Fiche: 50-327, 84/10/26, 8411020256.

8411050288 Revised Central Emergency Control Ctr Implementing Procedures IP-1 re transportation accident involving shipment of radwaste & IP-6 re alert, site area, emergency & general emergency, W/841030 ltr. MILLS, L.M. Tennessee Valley Authority. 84/10/30. 16pp. 27301:323. 24X Fiche: 50-000, 84/10/30, 8411050288.

8411060321 Forwards revised page of physical security plan. Info resolves NRC concerns re plan. Page withheld (ref 10CFR73.21). MILLS, L.M. Tennessee Valley Authority. 84/11/01. Record Services Branch (Document Control Desk). 2pp. 27321:040. 24X Fiche: 50-327, 84/11/01, 8411060321.

DOCKETED ITEMS

8411200304 Advises that 840921 Rev 9 to generic security personnel training & qualification plan inconsistent w/provisions of 10CFR50.54(p) & unacceptable. Addl info delineated in encl requested. Encl withheld (ref 10CFR73.21).
OLSHINSKI, J. A. Region 2, Office of Director. 84/11/16. PARRIS, H. G. Tennessee Valley Authority. 4pp. 27576:241. 24X
Fiche: 50-000, 84/11/16, 8411200304.

P. Operating license stage documents & correspondence

8411010054 Forwards summary of 840926 meeting w/util in Atlanta, GA re util GA reorganization. Attendee list encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/09. PARRIS, H. G. Tennessee Valley Authority. 4pp. 27250:198. 24X
Fiche: 50-000, 84/10/09, 8411010054.

841150279 Advises that GA program submitted on 830711 satisfies requirements of 10CFR50, App B & acceptable.
LEWIS, R. C. Region 2, Office of Director. 84/10/12. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27528:298. 24X
Fiche: 50-000, 84/10/12, 841150279.

8411010021 Forwards SER & FR notice granting relief in response to util 840730 & 0918 hydrostatic pressure test relief requests.
NOVAK, T. M. Assistant Director for Licensing. 84/10/15. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27266:319. 24X
Fiche: 50-327, 84/10/15, 8411010021.

--8411010026 Safety evaluation supporting relief request from hydrostatic test requirements of ASME Code, Section XI.
* NRC - No Detailed Affiliation Given. 84/10/15. 3pp.
27266:321. 24X Fiche: 50-327, 84/10/15, 8411010021.

--8411010029 Notice of granting of relief from certain requirements of ASME Code, Section XI re inservice testing requirements.
ADENSAM, E. G. Licensing Branch 4. 84/10/15. 3pp. 27266:324. 24X
Fiche: 50-327, 84/10/15, 8411010021.

841160162 Forwards Rev B to "GA Program Description for Design, Const & Operation of TVA Nuclear Power Plants," reflecting organizational changes in program.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27537:331. 24X
Fiche: 50-000, 84/10/22, 841160162.

--841160177 Rev B to "GA Program Description for Design, Const & Operation of TVA Nuclear Power Plants."
* Tennessee Valley Authority. TVA-TR75-1A R08. 84/10/22. 239pp.
27537:333. 24X Fiche: 50-000, 84/10/22, 841160162.

841150240 Forwards summary of 841016 meeting w/util re functions of nuclear safety review staff. Attendance list & "Summary Description of Activities of TVA Nuclear Safety Review Staff" encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/26. PARRIS, H. G. Tennessee Valley Authority. 20pp. 27529:259. 24X
Fiche: 50-000, 84/10/26, 841150240.

8411060080 Forwards supplemental info to 840820 submittal re proposed Tech Spec change concerning fifth vital battery, in response to 841026 telcon request.
MILLS, L. M. Tennessee Valley Authority. 84/11/01. ADENSAM, E. G. Licensing Branch 4. 3pp. 27324:093. 24X Fiche: 50-327, 84/11/01, 8411060080.

8411060166 Forwards final rept of addl testing on Tayco igniters. Igniter design can be modified to add cylindrical perforated shield to resolve issue of hydrogen combustion control.
MILLS, L. M. Tennessee Valley Authority. 84/11/02. ADENSAM, E. G. Licensing Branch 4. 4pp. 27323:001. 24X Fiche: 50-327, 84/11/02, 8411060166.

841140209 Application for amend to Licenses DPR-77 & DPR-79, changing Tech Specs to delete Table 3.8-1 re containment penetration conductor overcurrent devices from Section 3/4.8.3.1. Fee paid.
SHELL, R. H. Tennessee Valley Authority. 84/11/07. ADENSAM, E. G. Licensing Branch 4. 2pp. 27467:021. 24X Fiche: 50-327, 84/11/07, 841140209.

--841140214 Proposed Tech Specs deleting Table 3.8.1 re containment penetration conductor overcurrent devices from Section 3/4.8.3.1.
* Tennessee Valley Authority. 84/11/07. 9pp. 27467:023. 24X
Fiche: 50-327, 84/11/07, 841140209.

8411260274 Informs that short duration integrated leak rate test (Type A), discussed in 821123 ltr, will also be performed on Unit 2.
DOMER, J. A. Tennessee Valley Authority. 84/11/13. ADENSAM, E. G. Licensing Branch 4. 1p. 27613:102. 24X Fiche: 50-327, 84/11/13, 8411260274.

8411280182 Forwards rev to 841107 submittal re safety-related electrical equipment, providing further clarification & deleting one item from extension request. Approx 490 components will be replaced by end of refueling outage.
DOMER, J. A. Tennessee Valley Authority. 84/11/21. ADENSAM, E. G. Licensing Branch 4. 5pp. 27657:063. 24X Fiche: 50-327, 84/11/21, 8411280182.

G. Inspection reports, IE Bulletins & correspondence

841150063 Ack receipt of revised 840921 response informing NRC of steps taken to correct violations noted in Insp Repts 50-327/83-26 & 50-328/83-26. Violation occurred as stated.
O'REILLY, J. P. Region 2, Office of Director. 84/10/16. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27530:030. 24X
Fiche: 50-327, 84/10/16, 841150063.

--841150073 Forwards evaluation of licensee 840120 response to Item C of 831221 notice of violation per Insp Repts 50-327/83-26 & 50-328/83-26. Violation occurred as stated. Response should be resubmitted within 30 days of ltr date.
O'REILLY, J. P. Region 2, Office of Director. 84/04/25. PARRIS, H. G. Tennessee Valley Authority. 4pp. 27530:032. 24X
Fiche: 50-327, 84/10/16, 841150063.

--841150083 Ack receipt of 840120 ltr informing NRC of steps taken to correct violation noted in Insp Repts 50-327/83-26 & 50-328/83-26. Response to Items A & B meets requirements of 10CFR2.201. Response to Item C still under evaluation.
LEWIS, R. C. Division of Project & Resident Programs. 84/02/07. PARRIS, H. G. Tennessee Valley Authority. 1p. 27530:036. 24X
Fiche: 50-327, 84/10/16, 841150063.

--841150094 Responds to NRC 831221 ltr re violation noted in Insp Repts 50-327/83-26 & 50-328/83-26. Corrective actions: computer program corrected & revised. Violation denied in Item C of notice of violation.
MILLS, L. M. Tennessee Valley Authority. 84/01/20. O'REILLY, J. P. Region 2, Office of Director. 7pp. 27530:037. 24X
Fiche: 50-327, 84/10/16, 841150063.

--841150099 Forwards Insp Repts 50-327/83-26 & 50-328/83-26 on 831006-1105 & notice of violation.
LEWIS, R. C. Division of Project & Resident Programs. 83/12/21. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27530:044. 24X
Fiche: 50-327, 84/10/16, 841150063.

--841150130 Notice of violation from insp on 831006-1105.
* Region 2, Office of Director. 83/12/21. 2pp. 27530:046. 24X
Fiche: 50-327, 84/10/16, 841150063.

--841150137 Insp Repts 50-327/83-26 & 50-328/83-26 on 841006-1105. Violations noted: failure to have operable acoustic monitors during mode change, to meet snubber limiting condition of operation & failure to properly calibr channels.
FORD, E. J., BUTLER, S. D. Region 2, Office of Director. JULIAN, C. A. Division of Project & Resident Programs. 83/12/18. 7pp. 27530:048. 24X Fiche: 50-327, 84/10/16, 841150063.

8411080261 Discusses commitments made during 841016 telcon re IE Bulletin 84-03, "Refueling Cavity Water Seal," during current refueling outage at Unit 2. One irradiated fuel assembly will be moved at one time inside reactor cavity.
MILLS, L. M. Tennessee Valley Authority. 84/10/17. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27392:057. 24X
Fiche: 50-327, 84/10/17, 8411080261.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411080283 Forwards supplemental response to IE Bulletin 84-03, "Refueling Cavity Water Seal." Util demonstrated, utilizing actual calculations, that gross seal failure experienced at Haddam Neck not credible at facilities.
MILLS, L. M. Tennessee Valley Authority. 84/10/26. O'REILLY, J. P. Region 2, Office of Director. 9pp. 27392:064. 24X
Fiche: 50-327, 84/10/26, 8411080283.

DOCKETED ITEMS

153

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, B411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, B411010487.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, B411060254.

B411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, B411150041.

B411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, B411150072.

B411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, B411150054.

R. Periodic operating reports & related correspondence

B411140440 Monthly operating repts for Sept 1984. W/B41015 ltr.
EDDINGS, M. G., DUPREE, D. C., WALLACE, P. R. Tennessee Valley Authority. 84/09/30. 40pp. 27494:175. 24X Fiche: 50-327, 84/09/30, B411140440.

S. Reportable occurrences, LERs & related correspondence

B411030667 LER 84-006-00: on 840926, penetration fire barrier breach permit for door DE-3 expired. Door breached to allow ventilation since air conditioning unit inoperable. Door repaired & returned to svc. W/B41023 ltr.
COOPER, M. R., WALLACE, P. R. Tennessee Valley Authority. 84/10/23. 3pp. 27283:076. 24X Fiche: 50-328, 84/10/23, B411030667.

B411090351 Special Rept 84-05: penetration fire barrier nonfunctional for period in excess of 7 days. Caused by biological shield blocks removed from reactor bldg equipment hatch. Barriers will be restored at completion of refueling outage.
WALLACE, P. R. Tennessee Valley Authority. 84/10/26. Record Services Branch (Document Control Desk). 2pp. 27416:355. 24X Fiche: 50-328, 84/10/26, B411090351.

B411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, B411190524.

B411190278 Special Rept 84-07: on 841004, mechanical penetration door A75 in auxiliary bldg breached & not closed out until 841012. Caused by conflict between breaching permit expiration date & time breach actually made.
WALLACE, P. R. Tennessee Valley Authority. 84/11/08. Record Services Branch (Document Control Desk). 2pp. 27567:285. 24X Fiche: 50-328, 84/11/08, B411190278.

B411270543 LER 84-019-00: on 841017, surveillance testing of centrifugal charging pumps revealed injection flow rates failed to meet Tech Spec requirements. Caused by degradation of pumps. Methods to correct condition evaluated. W/B41116 ltr.
KIRK, Q. B., WALLACE, P. R. Tennessee Valley Authority. 84/11/16. 3pp. 27674:090. 24X Fiche: 50-328, 84/11/16, B411270543.

DOCKET 50-329 MIDLAND PLANT, UNIT 1

A. Application/construction stage documents & correspondence

B411010100 Advises that Region III forwarded GA program plan for shutdown phase of facility to IE for review.
NORELIOUS, C. E. Region 3, Office of Director. 84/10/26. COOK, J. W. Consumers Power Co. 1p. 27235:315. 24X Fiche: 50-329, 84/10/26, B411010100.

B411190482 Advises that appraisal by independent mgt organization required by 840112 confirmatory order must be completed before resumption of const activity to ensure appropriate mgt control sys in place, per 840911 request.
KEPPLER, J. G. Region 3, Office of Director. 84/11/13. COOK, J. W. Consumers Power Co. 2pp. 27550:125. 24X Fiche: 50-329, 84/11/13, B411190482.

G. Adjudicatory correspondence

B411050362 Order dismissing M Sinclair 841024 motion to cancel CPs & application for DLs. Served on 841102.
BECHHOEFER, C. Atomic Safety and Licensing Board Panel. #484 882. 84/11/02. Sinclair, M. 3pp. 27301:316. 24X Fiche: 50-329, 84/11/02, B411050362.

B411130270 Forwards JD Selby affidavit describing util plans re facilities. Affidavit filed in connection w/rate proceeding before State of MI Public Svc Commission. Svc list encl. Related correspondence.
BRUNNER, J. E. Consumers Power Co. #484 070. 84/11/05. COWAN, F. P., BECHHOEFER, C., HARBOUR, J. Atomic Safety and Licensing Board Panel. 1p. 27440:084. 24X Fiche: 50-329, 84/11/05, B411130270.

--B411130282 Affidavit of JD Selby re plans concerning facilities. Const will be resumed only if proposed by appropriate governmental agencies & officials & if funds from some other source become available. Related correspondence.
SELBY, J. D. Affiliation Not Assigned. 84/11/01. 3pp. 27440:085. 24X Fiche: 50-329, 84/11/05, B411130270.

B411090463 Memorandum summarizing 841107 telcon to explore ramifications of applicants 840910 ltr to discontinue reporting requirements during period when const shut down but DLs remain active. Served on 841104.
BECHHOEFER, C. Atomic Safety and Licensing Board Panel. #484 061. 84/11/08. 3pp. 27416:097. 24X Fiche: 50-329, 84/11/08, B411090463.

G. Inspection reports, IE Bulletins & correspondence

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, B410250031.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, B411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, B411010487.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, B411060254.

B411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, B411150041.

B411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, B411150072.

DOCKETED ITEMS

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche:50-000,84/11/19,841150054.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche:50-000,84/09/19,8411080347.

841140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche:50-000,84/11/01,841140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche:50-000,84/11/06,8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche:50-000,84/11/06,8411080326.

841140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche:50-000,84/11/06,841140344.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche:50-000,84/11/06,841190524.

841150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche:50-000,84/11/07,841150011.

8411210246 Interim deficiency rept re small bore piping anchor design. Initially reported on 840816. Listed corrective actions will not be pursued & no further repts will be made unless facilities reactivated.
COOK, J.W. Consumers Power Co. 84/11/09. KEPPLER, J.G. Region 3, Office of Director. 4pp. 27605:334. 24X Fiche:50-329,84/11/09,8411210246.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche:50-000,84/11/16,8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche:50-000,84/11/27,8411290194.

---8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche:50-000,84/11/27,8411290194.

DOCKET 50-330 MIDLAND PLANT, UNIT 2

A. Application/construction stage documents & correspondence

8411010100 Advises that Region III forwarded GA program plan for shutdown phase of facility to IE for review.
NORELIUS, C.E. Region 3, Office of Director. 84/10/26. COOK, J.W. Consumers Power Co. 1p. 27235:315. 24X Fiche:50-329,84/10/26,8411010100.

841190482 Advises that appraisal by independent mgt organization required by 840112 confirmatory order must be completed before resumption of const activity to ensure appropriate mgt control sys in place, per 840911 request.
KEPPLER, J.G. Region 3, Office of Director. 84/11/13. COOK, J.W. Consumers Power Co. 2pp. 27550:125. 24X Fiche:50-329,84/11/13,841190482.

G. Adjudicatory correspondence

8411050362 Order dismissing M Sinclair 841024 motion to cancel CPs & application for OLS. Served on 841102.
BECHHOEFER, C. Atomic Safety and Licensing Board Panel. #484 882. 84/11/02. Sinclair, M. 3pp. 27301:316. 24X Fiche:50-329,84/11/02,8411050362.

841130270 Forwards JD Selby affidavit describing util plans re facilities. Affidavit filed in connection w/rate proceeding before State of MI Public Svc Commission. Svc list encl. Related correspondence.
BRUNNER, J.E. Consumers Power Co. #484 070. 84/11/05. COWAN, F.P. BECHHOEFER, C., HARBOUR, J. Atomic Safety and Licensing Board Panel. 1p. 27440:084. 24X Fiche:50-329,84/11/05,841130270.

---841130282 Affidavit of JD Selby re plans concerning facilities. Const will be resumed only if proposed by appropriate governmental agencies & officials & if funds from some other source become available. Related correspondence.
SELBY, J.D. Affiliation Not Assigned. 84/11/01. 3pp. 27440:085. 24X Fiche:50-329,84/11/05,841130270.

8411090463 Memorandum summarizing 841107 telcon to explore ramifications of applicants 840910 ltr to discontinue reporting requirements during period when const shut down but OLS remain active. Served on 841104.
BECHHOEFER, C. Atomic Safety and Licensing Board Panel. #484 061. 84/11/08. 3pp. 27416:097. 24X Fiche:50-329,84/11/08,8411090463.

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche:50-000,84/10/26,8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche:50-000,84/11/02,8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche:50-000,84/11/05,8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche:50-000,84/11/08,8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche:50-000,84/11/16,841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche:50-000,84/11/16,841150072.

DOCKETED ITEMS

155

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

841140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 841140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec, figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

841140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 841140344.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27349:242. 24X Fiche: 50-000, 84/11/06, 841190524.

841150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 841150011.

8411210246 Interim deficiency rept re small bore piping anchor design. Initially reported on 840816. Listed corrective actions will not be pursued & no further repts will be made unless facilities reactivated.
COOK, J.W. Consumers Power Co. 84/11/09. KEPPLER, J.G. Region 3, Office of Director. 4pp. 27605:334. 24X Fiche: 50-329, 84/11/09, 8411210246.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

DOCKET 50-331 DUANE ARNOLD ENERGY CENTER

F. Security, medical, emergency & fire protection plans

8411070240 Forwards Insp Rept 50-331/84-12 on 840726-0925 & notice of violation.
WARNICK, R.F. Region 3, Office of Director. 84/10/12. LIU, L. Iowa Electric Light & Power Co. 2pp. 27388:333. 24X Fiche: 50-331, 84/10/12, 8411070240.

8411070241 Notice of violation from insp on 840726-0925.
WARNICK, R.F. Region 3, Office of Director. 84/10/12. 1p. 27388:335. 24X Fiche: 50-331, 84/10/12, 8411070240.

8411070249 Insp Rept 50-331/84-12 on 840726-0925. Noncompliance noted: secondary containment integrity deliberately violated by two licensee personnel.
BOYD, D.C. Region 3, Office of Director. 84/10/11. 7pp. 27388:336. 24X Fiche: 50-331, 84/10/12, 8411070240.

8411070115 Forwards "Temp Response of Structural Steel re Rated Fire Barriers at Duane Arnold Energy Ctr." to support 840928 exemption requests. Exemption from 10CFR50.48 schedule for protection of structural steel discussed.
MCGAUGHY, R.W. Iowa Electric Light & Power Co. 84/10/31. DENTON, H. Office of Nuclear Reactor Regulation, Director. 2pp. 27353:115. 24X Fiche: 50-331, 84/10/31, 8411070115.

8411070216 "Temp Response of Structural Steel re Rated Fire Barriers at Duane Arnold Energy Ctr."
* Bechtel Corp. 84/10/31. 13pp. 27353:117. 24X Fiche: 50-331, 84/10/31, 8411070115.

8411090096 Advises that although final FEMA findings re status of plans & preparedness in vicinity of facility, per encl FEMA 840919 exercise evaluation identified no deficiencies, offsite preparedness for area should be addressed.
GREGOR, L.R. Region 3, Office of Director. 84/11/02. LIU, L. Iowa Electric Light & Power Co. 2pp. 27398:243. 24X Fiche: 50-331, 84/11/02, 8411090096.

841130076 Requests fee for 840928 application to amend License DPR-49, requesting addl exemptions from 10CFR50, App R.
DIGGS, R.M. License Fee Management Branch. 84/11/06. LIU, L. Iowa Electric Light & Power Co. 1p. 27481:330. 24X Fiche: 50-331, 84/11/06, 841130076.

841160189 Application to amend License DPR-49, to incorporate surveillance requirements which ensure operability & maint of fire doors, raceway wrap & structural steel fireproofing & to correct typo. Fee paid.
MCGAUGHY, R.W. Iowa Electric Light & Power Co. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 4pp. 27539:297. 24X Fiche: 50-331, 84/11/09, 841160189.

841160198 Proposed changes to Tech Specs 3.13-7.3.13-8.3.13-8a & 3.13-10 to incorporate surveillance requirements which ensure operability & maint of fire doors, raceway wrap & structural steel fireproofing & to correct typo.
* Iowa Electric Light & Power Co. 84/11/09. 5pp. 27539:301. 24X Fiche: 50-331, 84/11/09, 841160189.

8411260024 Forwards Rev 3 to "Procedures Generation Package," per NUREG-0737, Suppl 1. Package revised due to problems encountered during initial verification & training.
MCGAUGHY, R.W. Iowa Electric Light & Power Co. 84/11/16. DENTON, H. Office of Nuclear Reactor Regulation, Director. 1p. 27615:178. 24X Fiche: 50-331, 84/11/16, 8411260024.

8411260029 Rev 3 to "Procedures Generation Package."
* Iowa Electric Light & Power Co. 84/10/31. 16pp. 27615:179. 24X Fiche: 50-331, 84/11/16, 8411260024.

8411260035 Rev 3 to "Writers Guide for Preparation of Emergency Operating Procedures."
POTTS, R. HAUNER, R. Iowa Electric Light & Power Co. 84/10/19. 5pp. 27615:195. 24X Fiche: 50-331, 84/11/16, 8411260024.

8411260379 Forwards complete FEMA final exercise evaluation of offsite emergency preparedness exercise conducted on 840801 for State of IA & Counties of Linn & Benton. Only odd numbered pages of rept forwarded w/NRC 841102 ltr.
GREGOR, L.R. Region 3, Office of Director. 84/11/19. LIU, L. Iowa Electric Light & Power Co. 1p. 27612:243. 24X Fiche: 50-331, 84/11/19, 8411260379.

DOCKETED ITEMS

P. Operating license stage documents & correspondence

8411290284 Third partial response to FOIA request for documents re prior hearing for proposed OL amends for 11 reactors, allowing operation w/one recirculation loop out of svc. Forwards App A documents, App B documents in PDR. FELTON, J.M. Division of Rules and Records. 84/04/19. BELL, N. Nuclear Information & Resource Service. 9pp. 27696:288. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290476 Application to amend License DPR-49, consisting of Tech Spec Change Request RTS-74, allowing single loop operation w/bypass flow holes plugged. LIU, L. Iowa Electric Light & Power Co. 77/01/12. RUSCHE, B.C. Office of Nuclear Reactor Regulation, Director. 1p. 27697:333. 24X Fiche: 50-000, 84/04/19, 8411290284.

--8411290479 Proposed Tech Spec Change RTS-74, allowing single loop operation w/bypass flow holes plugged. * Iowa Electric Light & Power Co. 77/01/12. 20pp. 27697:334. 24X Fiche: 50-000, 84/04/19, 8411290284.

8411010068 Ack receipt of 840925 request for deferral of 831221 application for amend to License DPR-49, since NRC will recommend new guidance re conformance to NUREG-0313. Requested change to Tech Spec Section 4.6.G.3 also deferred. VASSALLO, D.B. Operating Reactors Branch 2. 84/10/10. LIU, L. Iowa Electric Light & Power Co. 2pp. 27266:343. 24X Fiche: 50-331, 84/10/10, 8411010068.

8411010095 Forwards corrected Amend 106 to License DPR-49. Amend inadvertently deleted Pages 3.7-7 & 3.7.7a approved in Amends 100 & 106. Replacement of page requested. THADANI, M.C. Operating Reactors Branch 2. 84/10/10. LIU, L. Iowa Electric Light & Power Co. 4pp. 27271:353. 24X Fiche: 50-331, 84/10/10, 8411010095.

--8411010101 Corrected Amend 106 to License DPR-49, replacing Tech Spec Pages 3.7-7 & 3.7.7a re Type C & periodic tests & seal replacement, approved in Amends 100 & 106, inadvertently deleted. * NRC - No Detailed Affiliation Given. 84/10/10. 2pp. 27271:355. 24X Fiche: 50-331, 84/10/10, 8411010095.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl. EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - OPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, 8410290050.

8411050438 Requests exemption from requirements of 10CFR50, App J, Paragraph III.C re containment Spray Isolation Valves MOV-1902, 1933, 2000 & 2006. Type C testing requirement not practicable. Justification encl. Fee paid. MCGAUGHY, R.W. Iowa Electric Light & Power Co. 84/10/29. DENTON, H. Office of Nuclear Reactor Regulation, Director. 4pp. 27298:043. 24X Fiche: 50-331, 84/10/29, 8411050438.

8411190064 Forwards Amend 108 to License DPR-49 & safety evaluation. Amend revises Tech Specs & bases to permit operation of RHR sys w/reduced water flow & corrects discrepancy between bases in Tech Specs & updated FSAR. THADANI, M.C. Operating Reactors Branch 2. 84/10/29. LIU, L. Iowa Electric Light & Power Co. 2pp. 27583:038. 24X Fiche: 50-331, 84/10/29, 8411190064.

--8411190066 Amend 108 to License DPR-49, revising Tech Specs & bases to permit operation of RHR sys w/reduced water flow & correcting discrepancy between bases in Tech Specs & updated FSAR. VASSALLO, D.B. Operating Reactors Branch 2. 84/10/29. 14pp. 27583:040. 24X Fiche: 50-331, 84/10/29, 8411190064.

8411160189 Application to amend License DPR-49, to incorporate surveillance requirements which ensure operability & maint of fire doors, raceway wrap & structural steel fireproofing & to correct typo. Fee paid. MCGAUGHY, R.W. Iowa Electric Light & Power Co. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 4pp. 27539:297. 24X Fiche: 50-331, 84/11/09, 8411160189.

--8411160198 Proposed changes to Tech Specs 3.13-7.3.13-B.3.13-Ba & 3.13-10 to incorporate surveillance requirements which ensure operability & maint of fire doors, raceway wrap & structural steel fireproofing & to correct typo. * Iowa Electric Light & Power Co. 84/11/09. 5pp. 27539:301. 24X Fiche: 50-331, 84/11/09, 8411160189.

8411290206 Advises that 840611 response to NUREG-0737, item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved. VASSALLO, D.B. Operating Reactors Branch 2. 84/11/13. LIU, L. Iowa Electric Light & Power Co. 2pp. 27696:109. 24X Fiche: 50-331, 84/11/13, 8411290206.

8411210177 Offers no comments on 840817 application to amend License DPR-49 re nuclear fuel design changes allowing increased MAPLHOR limits due to unavailability of fuel reprocessing & NSHC determination. HOUVENAGLE, T. Iowa, State of. 84/11/14. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27590:067. 24X Fiche: 50-331, 84/11/14, 8411210177.

8411210144 Offers no comments on util 840817 application for amend to License DPR-49 to remove Tech Spec power limitation & 841024 NSHC. HOUVENAGLE, T. Iowa, State of. 84/11/15. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27590:068. 24X Fiche: 50-331, 84/11/15, 8411210144.

8411290073 Discusses util 840831 amend request on proposed Tech Spec change re preparation of detailed written procedures on shift overtime for operations personnel. No comment offered. HOUVENAGLE, T. Iowa, State of. 84/11/16. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27721:129. 24X Fiche: 50-331, 84/11/16, 8411290073.

8411280443 Notification of 841130 meeting w/util in Bethesda, MD to discuss power uprate application. THADANI, M.C. Operating Reactors Branch 2. 84/11/20. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27682:294. 24X Fiche: 50-331, 84/11/20, 8411280443.

G. Inspection reports, IE Bulletins & correspondence

8411010068 Ack receipt of 840925 request for deferral of 831221 application for amend to License DPR-49, since NRC will recommend new guidance re conformance to NUREG-0313. Requested change to Tech Spec Section 4.6.G.3 also deferred. VASSALLO, D.B. Operating Reactors Branch 2. 84/10/10. LIU, L. Iowa Electric Light & Power Co. 2pp. 27266:343. 24X Fiche: 50-331, 84/10/10, 8411010068.

8411070240 Forwards Insp Rept 50-331/84-12 on 840726-0925 & notice of violation. WARNICK, R.F. Region 3, Office of Director. 84/10/12. LIU, L. Iowa Electric Light & Power Co. 2pp. 27388:333. 24X Fiche: 50-331, 84/10/12, 8411070240.

--8411070241 Notice of violation from insp on 840726-0925. WARNICK, R.F. Region 3, Office of Director. 84/10/12. 1p. 27388:335. 24X Fiche: 50-331, 84/10/12, 8411070240.

--8411070249 Insp Rept 50-331/84-12 on 840726-0925. Noncompliance noted: secondary containment integrity deliberately violated by two licensee personnel. BOYD, D.C. Region 3, Office of Director. 84/10/11. 7pp. 27388:336. 24X Fiche: 50-331, 84/10/12, 8411070240.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411210319 Forwards Insp Rept 50-331/84-11 on 840718-26. Notice of noncompliance submitted in separate ltr. KEPLER, J.G. Region 3, Office of Director. 84/10/29. LIU, L. Iowa Electric Light & Power Co. 2pp. 27607:343. 24X Fiche: 50-331, 84/10/29, 8411210319.

DOCKETED ITEMS

157

--B411210320 Insp Rept 50-331/84-11 on 840718-26. Violation noted: on 840718 technician performing air sparging mistakenly shut standby liquid control tank isolation Valve V-26-01, instead of opening air sparge Valve V-26-11.
BOYD, D.C. Region 3, Office of Director. 84/10/26. 6pp.
27607:345. 24X Fiche: 50-331, 84/10/29, 8411210319.

B411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

B411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

B41120123 Notices of 841127 meeting at Region III ofc to discuss SALP assessment.
NORELUS, C.E. Region 3, Office of Director. 84/11/06. LIU, L. Iowa Electric Light & Power Co. 1p. 27429:361. 24X Fiche: 50-331, 84/11/06, 841120123.

B411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

B411260344 Submits assessment of work performed in response to IE Bulletin 79-14 re re-walkdown of certain piping sys & evaluation of discrepancies found in original walkdown. Final rept will be submitted by 850601.
MCGAUGHY, R.W. Iowa Electric Light & Power Co. 84/11/15. KEPPLER, J. Region 3, Office of Director. 2pp. 27608:296. 24X Fiche: 50-331, 84/11/15, 8411260344.

B41150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 116pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

B41150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

B41150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

B411260127 Monthly operating rept for Oct 1984. W/841115 ltr.
PUTNAM, K.S., MINECK, D.L. Iowa Electric Light & Power Co. 84/10/31. 9pp. 27645:239. 24X Fiche: 50-331, 84/10/31, 8411260127.

B41120241 Provides semiannual rept for "Plan for Integrated Scheduling of Plant Mods for Duane Arnold Energy Ctr." Rept summarizes progress in implementing Schedule A & B items, identifies changes since last rept & provides updated schedules.
MCGAUGHY, R.W. Iowa Electric Light & Power Co. 84/11/02. DENTON, H. Office of Nuclear Reactor Regulation, Director. 10pp. 27428:259. 24X Fiche: 50-331, 84/11/02, 841120241.

S. Reportable occurrences, LERs & related correspondence

B411290219 FOIA request for documents re electrical relay failures including Class IE relay failures at listed plants & utilization of GE Type HFA 51 Series ac relays or other relays using Lexan as coil spool matl.
BELL, N. Nuclear Information & Resource Service. 84/04/25. Office of Administration. 2pp. 27698:352. 24X Fiche: 50-000, 84/04/25, 8411290219.

B411290240 Partial response to FOIA request for documents re electrical relay failures, including 1983 Class IE relay failures at listed plants. Documents listed on encl printouts available in PDR.
FELTON, J.M. Division of Rules and Records. 84/05/17. BELL, N. Nuclear Information & Resource Service. 2pp. 27698:354. 24X Fiche: 50-000, 84/05/17, 8411290240.

B411060219 LER 84-036-00: on 840925, 30 & 1020, reactor water cleanup sys isolated as result of momentary spurious signals in leak detection logic. Cause unknown. Sys verified to be free of actual leakage. W/841025 ltr.
PUTNAM, K.S., MINECK, D.L. Iowa Electric Light & Power Co. 84/10/25. 3pp. 27351:255. 24X Fiche: 50-331, 84/10/25, 8411060219.

B41120050 LER 84-037-00: on 840929, reactor scrambled on hi-hi intermediate range monitor signals from channel E & F. Cause may be attributed to spurious electrical noise. Review of design & installation performed. W/841029 ltr.
HARRIS, H.S., MINECK, D.L. Iowa Electric Light & Power Co. 84/10/29. 3pp. 27436:360. 24X Fiche: 50-331, 84/10/29, 841120050.

B41120149 PNO-III-84-092: on 841104, explosion & fire occurred in auxiliary transformer. Caused by internal short circuit. Essential loads picked up by standby transformer. HPCI, RCIC & transformer deluge sys started.
BOYD, D., WARNICK, R. Region 3, Office of Director. 84/11/05. 2pp. 27428:271. 24X Fiche: 50-331, 84/11/05, 841120149.

B41160217 PNO-III-84-092A: on 841104, reactor trip occurred due to turbine control valve fast closure. Caused by fire from burning oil in auxiliary transformer. Cracked insulators replaced & 161 kV lines cleaned.
DEFAYETTE, R., WARNICK, R. Region 3, Office of Director. 84/11/06. 1p. 27542:252. 24X Fiche: 50-331, 84/11/06, 841160217.

B41190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

B411270179 LER 84-028-01: on 840714, degraded voltage condition on offsite power grid resulted in automatic switching of buses to onsite power initiating scram. Caused by spurious isolation upon reenergizing from temp switches. W/841116 ltr.
PROBST, J.R., MINECK, D.L. Iowa Electric Light & Power Co. 84/11/16. 7pp. 27674:293. 24X Fiche: 50-331, 84/11/16, 8411270179.

DOCKET 50-333 JAMES A. FITZPATRICK NUCLEAR POWER PLANT

F. Security, medical, emergency & fire protection plans

B41160401 Forwards Insp Rept 50-333/84-16 on 840801-31. No violation noted.
KISTER, H.B. Division of Project & Resident Programs. 84/10/23. MCNEILL, C.A. Power Authority of the State of New York. 2pp. 27545:201. 24X Fiche: 50-333, 84/10/23, 841160401.

--B41160417 Insp Rept 50-333/84-16 on 840801-31. No violation noted. Major areas inspected: licensee action on previous insp findings, LER, operational safety verification, surveillance observations & ESF sys walkdown.
DOERFLEIN, L.T., COLLINS, S.J. Region 1, Office of Director. 84/10/19. 9pp. 27545:203. 24X Fiche: 50-333, 84/10/23, 841160401.

B411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region I.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

B411280203 Forwards notice of environ assessment & finding of no significant impact re util 820226, 0713, 1111, 830301, 0403, 0519 & 840716 requests for exemption from 10CFR50, App R fire protection requirements.
VASSALLO, D.B. Operating Reactors Branch 2. 84/11/09. BAYNE, J.P. Power Authority of the State of New York. 2pp. 27681:356. 24X Fiche: 50-333, 84/11/09, 8411280203.

--B411280211 Notice of environ assessment & finding of no significant impact re util 820226, 0713, 1111, 830301, 0403, 0519 & 840716 requests for exemption to 10CFR50, App R fire protection requirements.
LAINAS, G.C. Assistant Director for Operating Reactors. 84/11/09. 3pp. 27681:358. 24X Fiche: 50-333, 84/11/09, 8411280203.

J. Insurance & indemnity information

B411270242 Forwards Endorsement 80 to NELIA Policy NF-208 & Endorsement 69 to MAELU Policy HF-77.
STERN, D. Marsh & McLennan, Inc. 84/11/21. SALTZMAN, J.D. Assistant Director for State & License Relations. 3pp. 27635:325. 24X Fiche: 50-333, 84/11/21, 8411270242.

DOCKETED ITEMS

P. Operating license stage documents & correspondence

8411010321 Forwards Amend 84 to License DPR-59 & safety evaluation. Amend revises limiting conditions of operation & surveillance requirements for actuation logic for automatic depressurization sys instrumentation & components. ABELSON, H. I. Operating Reactors Branch 2. 84/10/11. BAYNE, J. P. Power Authority of the State of New York. 2pp. 27251:335. 24X Fiche: 50-333, 84/10/11, 8411010321.

--8411010328 Amend 84 to License DPR-59, revising limiting conditions for operation & surveillance requirements for actuation logic for automatic depressurization sys instrumentation & components. VASSALLO, D. B. Operating Reactors Branch 2. 84/10/11. 8pp. 27251:337. 24X Fiche: 50-333, 84/10/11, 8411010321.

--8411010332 Safety evaluation supporting Amend 84 to License DPR-59. * Office of Nuclear Reactor Regulation, Director. 84/10/11. 2pp. 27251:345. 24X Fiche: 50-333, 84/10/11, 8411010321.

8411010472 Forwards Amend 85 to License DPR-59 & safety evaluation. Amend revises Tech Specs to reduce scram surveillance frequency for CRD sys from 15% every 8 wks to 10% every 16 wks. ABELSON, H. I. Operating Reactors Branch 2. 84/10/11. BAYNE, J. P. Power Authority of the State of New York. 2pp. 27265:101. 24X Fiche: 50-333, 84/10/11, 8411010472.

--8411010476 Amend 85 to License DPR-59, revising Tech Specs to reduce scram surveillance frequency for CRD sys from 15% every 8 wks to 10% every 16 wks. VASSALLO, D. B. Operating Reactors Branch 2. 84/10/11. 4pp. 27265:103. 24X Fiche: 50-333, 84/10/11, 8411010472.

--8411010513 Safety evaluation supporting Amend 85 to License DPR-59. * Office of Nuclear Reactor Regulation, Director. 84/10/11. 3pp. 27265:107. 24X Fiche: 50-333, 84/10/11, 8411010472.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl. EISENHUT, D. G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, 8410290050.

8411140071 Forwards responses to questions re cracking in recirculation sys welds, per 841031 telcon. Further investigation revealed that three weldments were free of reportable indications. Weld 12-23 data for 1983 & 1984 encl. BAYNE, J. P. Power Authority of the State of New York. 84/11/07. VASSALLO, D. B. Operating Reactors Branch 2. 42pp. 27467:087. 24X Fiche: 50-333, 84/11/07, 8411140071.

8411290035 Advises that 840619 response to NUREG-0737, Item II. K. 3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved. VASSALLO, D. B. Operating Reactors Branch 2. 84/11/13. BAYNE, J. P. Power Authority of the State of New York. 2pp. 27700:303. 24X Fiche: 50-333, 84/11/13, 8411290035.

G. Inspection reports, IE Bulletins & correspondence

8411160401 Forwards Insp Rept 50-333/84-16 on 840801-31. No violation noted. KISTER, H. B. Division of Project & Resident Programs. 84/10/23. MCNEILL, C. A. Power Authority of the State of New York. 2pp. 27545:201. 24X Fiche: 50-333, 84/10/23, 8411160401.

--8411160417 Insp Rept 50-333/84-16 on 840801-31. No violation noted. Major areas inspected: licensee action on previous insp findings, LER, operational safety verification, surveillance observations & EBF sys walkdown. DOERFLEIN, L. T., COLLINS, S. J. Region 1, Office of Director. 84/10/19. 9pp. 27545:203. 24X Fiche: 50-333, 84/10/23, 8411160401.

8411080423 Advises that review of data & evaluations re weld overlay designs completed. Designs acceptable. Detailed plan re anticipated weld insp activities during upcoming refueling outage requested 30 days prior to outage. VASSALLO, D. B. Operating Reactors Branch 2. 84/10/24. BAYNE, J. P. Power Authority of the State of New York. 2pp. 27405:233. 24X Fiche: 50-333, 84/10/24, 8411080423.

8411020231 Ack receipt of 841015 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-333/84-14. MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/25. MCNEILL, C. A. Power Authority of the State of New York. 2pp. 27252:192. 24X Fiche: 50-333, 84/10/25, 8411020231.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411270148 Forwards Insp Rept 50-333/84-21 on 841001-1104. No violation noted. KISTER, H. B. Region 1, Office of Director. 84/11/20. GLOVIER, H. A. Power Authority of the State of New York. 2pp. 27630:064. 24X Fiche: 50-333, 84/11/20, 8411270148.

--8411270158 Insp Rept 50-333/84-21 on 841001-1104. No violation noted. Major areas inspected: licensee action on previous insp findings, LER review, operational safety verification & surveillance & maint observations. DOERFLEIN, L. T., COLLINS, S. J. Region 1, Office of Director. 84/11/14. 9pp. 27630:066. 24X Fiche: 50-333, 84/11/20, 8411270148.

R. Periodic operating reports & related correspondence

8411200012 Monthly operating rept for Oct 1984. W/841108 ltr. COOK, J. J., GLOVIER, H. A. Power Authority of the State of New York. 84/10/31. 17pp. 27385:202. 24X Fiche: 50-333, 84/10/31, 8411200012.

S. Reportable occurrences, LERs & related correspondence

8411060562 LER 84-020-00: on 840928, two reactor scrams occurred within 7 h. Caused by under vessel nuclear instrumentation connector bumped during CRD mechanism maint in area. No permanent corrective action applicable. W/841023 ltr. FERNANDEZ, W., MCNEILL, C. A. Power Authority of the State of New York. 84/10/23. 3pp. 27350:231. 24X Fiche: 50-333, 84/10/23, 8411060562.

8411130089 LER 84-019-00: on 840928, during performance of surveillance test, selection of second control rod failed to initiate rod block after rod 34-27 selected & withdrawn one notch. Caused by malfunction of rod switch. W/841029 ltr. KEITH, H. N., GLOVIER, H. A. Power Authority of the State of New York. 84/10/28. 3pp. 27460:146. 24X Fiche: 50-333, 84/10/28, 8411130089.

8411190152 LER 84-021-00: on 841012, IGSCC found in seven 12-inch diameter recirculation riser welds & in four 28-inch diameter recirculation suction pipe welds. Five 12-inch pipe joints repaired. W/841109 ltr. SANCIC, D., GLOVIER, H. A. Power Authority of the State of New York. 84/11/08. 2pp. 27567:340. 24X Fiche: 50-333, 84/11/08, 8411190152.

8411260540 LER 84-022-00: on 841028, full scram trip occurred during APRM surveillance testing. Caused by operator error due to communication breakdown. Personnel counseled. W/841113 ltr. LINDSEY, D. J., GLOVIER, H. A. Power Authority of the State of New York. 84/11/13. 2pp. 27645:007. 24X Fiche: 50-333, 84/11/13, 8411260540.

DOCKETED ITEMS

159

DOCKET 50-334 BEAVER VALLEY POWER STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

841140161 Forwards Rev 7 to physical security plan Rev withheld (ref 10CFR73.21). CAREY, J. J. Duquesne Light Co. 84/11/05. MURLEY, T.E. Region 1, Office of Director. 2pp. 27466:354. 24X Fiche: 50-334, 84/11/05, 841140161.

8411290666 Forwards FEMA exercise rept for 840627 exercise of offsite radiological emergency preparedness plans for facility & FEMA 840830 transmittal ltr to NRC. Meeting will be held at Region I ofc on 841120 to discuss Category A deficiencies. MARTIN, T. T. Division of Engineering & Technical Programs. 84/11/09. CAREY, J. J. Duquesne Light Co. 2pp. 27701:183. 24X Fiche: 50-334, 84/11/09, 8411290666.

I. Financial information

8411260593 Advises of completion of review of financial info submitted in 841108 ltr. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140. SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. FIRESTONE, L. Ohio Edison Co. 1p. 27645:347. 24X Fiche: 50-000, 84/11/16, 8411260593.

8411260606 Advises of completion of review of financial info submitted for 1984. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140. SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. MAUGANS, E. H. Cleveland Electric Illuminating Co. 1p. 27645:344. 24X Fiche: 50-000, 84/11/16, 8411260606.

P. Operating license stage documents & correspondence

8411020263 Responds to Generic Ltr 84-15 re diesel generator reliability. No changes to Tech Specs anticipated due to reliability of util diesel generators. Evaluation of staff recommendations & NUREG/CR-0660 findings encl. CAREY, J. J. Duquesne Light Co. 84/10/24. EISENHUT, D. G. Division of Licensing. 26pp. 27255:234. 24X Fiche: 50-334, 84/10/24, 8411020263.

8411060397 Responds to 840913 request for addl info re Generic Ltr 83-28, Items 4.2.1 & 4.2.2. Westinghouse Owners Group maint program reviewed & pertinent insps incorporated into plant-specific preventive maint program. CAREY, J. J. Duquesne Light Co. 84/10/30. VARGA, S. A. Operating Reactors Branch 1. 38pp. 27320:199. 24X Fiche: 50-334, 84/10/30, 8411060397.

8411150316 Requests fee for 841010 application to use alternate method for collection & storage of eddy current test data described in ASME Section XI Code Case M-401. DIGGS, R. M. License Fee Management Branch. 84/11/06. CAREY, J. J. Duquesne Light Co. 1p. 27530:288. 24X Fiche: 50-334, 84/11/06, 8411150316.

8411280584 Approves use of ASME Code Case N-401, "Eddy Current Exam Recording Data, Section XI, Div 1" for general use & use in data recording & storage of eddy current exams of steam generator tubes, per 841010 ltr. VARGA, S. A. Operating Reactors Branch 1. 84/11/06. CAREY, J. J. Duquesne Light Co. 3pp. 27682:062. 24X Fiche: 50-334, 84/11/06, 8411280584.

8411190306 Forwards responses to Environ Hydrologic Engineering Branch 841012 Questions 240.12-240.16 & SER Open Items 1 & 2. Responses will be incorporated in next FSAR amend. W/ four oversize drawings. Aperture cards available in PDR. WOODLEVER, E. J. Duquesne Light Co. 84/11/08. KNIGHTON, G. W. Licensing Branch 3. 25pp. 27551:079. 24X Fiche: 50-412, 84/11/08, 8411190306.

8411280258 Forwards Amend 82 to License DPR-66 & safety evaluation. Amend revises Tech Specs to allow plant operation w/one airlock door inoperable under certain conditions. TAM, P. S. Operating Reactors Branch 1. 84/11/08. CAREY, J. J. Duquesne Light Co. 3pp. 27683:214. 24X Fiche: 50-334, 84/11/08, 8411280258.

8411280262 Amend 82 to License DPR-66, revising Tech Specs to allow plant operation w/one airlock door inoperable under certain conditions. VARGA, S. A. Operating Reactors Branch 1. 84/11/08. 6pp. 27683:217. 24X Fiche: 50-334, 84/11/08, 8411280258.

8411280267 Safety evaluation supporting Amend 82 to License DPR-66. * Office of Nuclear Reactor Regulation, Director. 84/11/08. 3pp. 27683:223. 24X Fiche: 50-334, 84/11/08, 8411280258.

8411290071 Forwards SER on response to Item 4.3 of Generic Ltr 83-28 re automatic shunt trip design. Design mods acceptable w/exception that breaker position indication for bypass breakers should be provided on main control board. VARGA, S. A. Operating Reactors Branch 1. 84/11/08. CAREY, J. J. Duquesne Light Co. 4pp. 27692:251. 24X Fiche: 50-334, 84/11/08, 8411290071.

8411290078 SER re reactor trip breaker automatic shunt trip design mod. Design mod acceptable. * NRC - No Detailed Affiliation Given. 84/11/30. 14pp. 27692:255. 24X Fiche: 50-334, 84/11/08, 8411290071.

8411210201 Forwards remittance for 841008 application for Proposed Change Request 94 to License DPR-66. GRADA, K. D. Duquesne Light Co. 84/11/09. License Fee Management Branch. 2pp. 27591:012. 24X Fiche: 50-334, 84/11/09, 8411210201.

8411280532 Forwards Amend 83 to License DPR-66 & safety evaluation. Amend changes Tech Specs to clarify conditions under which safety action of protection sys channels manually bypassed or blocked by sys logic. TAM, P. S. Operating Reactors Branch 1. 84/11/13. CAREY, J. J. Duquesne Light Co. 4pp. 27682:198. 24X Fiche: 50-334, 84/11/13, 8411280532.

8411280539 Amend 83 to License DPR-66, changing Tech Specs to clarify conditions under which safety action of protection sys channels manually bypassed or blocked by sys logic. VARGA, S. A. Operating Reactors Branch 1. 84/11/13. 25pp. 27682:202. 24X Fiche: 50-334, 84/11/13, 8411280532.

8411280543 Safety evaluation supporting Amend 83 to License DPR-66. * Office of Nuclear Reactor Regulation, Director. 84/11/13. 8pp. 27682:227. 24X Fiche: 50-334, 84/11/13, 8411280532.

8411270249 Forwards application for amend to License DPR-66, revising Tech Specs to require min of two operating reactor coolant loops during Mode 3 operation. CAREY, J. J. Duquesne Light Co. 84/11/14. VARGA, S. A. Operating Reactors Branch 1. 1p. 27635:180. 24X Fiche: 50-334, 84/11/14, 8411270249.

8411270254 Application for amend to License DPR-66, revising Tech Specs to require min of two operating reactor coolant loops during Mode 3 operation. Fee paid. CAREY, J. J. Duquesne Light Co. 84/11/14. 1p. 27635:181. 24X Fiche: 50-334, 84/11/14, 8411270249.

8411270258 Proposed Tech Specs requiring min of two operating reactor coolant loops during Mode 3 operation. * Duquesne Light Co. 84/11/14. 6pp. 27635:182. 24X Fiche: 50-334, 84/11/14, 8411270249.

8411270395 Forwards proprietary Figure 1 re 18 case FAC values w/Cycle 5 Fxy raised to limit as specified in 841026 radial peaking factor limit rept. Figure withheld. SIEBER, J. D. Duquesne Light Co. 84/11/14. VARGA, S. A. Operating Reactors Branch 1. 2pp. 27628:279. 24X Fiche: 50-334, 84/11/14, 8411270395.

G. Inspection reports, IE Bulletins & correspondence

8411080230 Forwards addl response to Insp Rept 50-334/83-21 conducted per IE Bulletins 79-02 & 79-14 re selecting anchor bolt stiffness values vs actual pipe support stiffness values. CAREY, J. J. Duquesne Light Co. 84/09/19. MARTIN, T. T. Division of Engineering & Technical Programs. 13pp. 27391:287. 24X Fiche: 50-334, 84/09/19, 8411080230.

8411090054 Forwards questions to determine whether plants w/high biofouling potential have implemented effective surveillance &/or control strategies to prevent biofouling damage per IE Bulletin 81-03. W/o encl. VARGA, S. A. Operating Reactors Branch 1. 84/10/22. CAREY, J. J. Duquesne Light Co. 2pp. 27419:361. 24X Fiche: 50-334, 84/10/22, 8411090054.

8411050242 Responds to 840824 IE Bulletin 84-03, "Refueling Cavity Water Seal." Mechanical seal design to be used during current refueling outage. W/ three oversized drawings, including two illegible drawings. Aperture cards in PDR. CAREY, J. J. Duquesne Light Co. 84/10/24. MURLEY, T. E. Region 1, Office of Director. 10pp. 27298:118. 24X Fiche: 50-334, 84/10/24, 8411050242.

DOCKETED ITEMS

--B411050246 Revised Procedure BVPP 62-4 "Installation & Removal Procedure for Segment Reactor Cavity Seal Ring."
* Stone & Webster Engineering Corp. 84/10/26. 84pp. 27298:129.
24X Fiche: 50-334, 84/10/24, 8411050246.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

B411210458 Forwards Insp Rept 50-334/84-21 on 840910-14. No noncompliance noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/02. CAREY, J.J. Duquesne Light Co. 2pp. 27607:097. 24X Fiche: 50-334, 84/11/02, 8411210458.

--B411210464 Insp Rept 50-334/84-21 on 840910-14. No violation noted. Major areas inspected: licensee implementation & status of listed task items in NUREG-0737, including II.B.3, "Post-Accident Sampling."
WHITE, J.R., CLEMONS, P., PADLINO, R. Region 1, Office of Director. 84/10/26. 28pp. 27607:099. 24X Fiche: 50-334, 84/11/02, 8411210464.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

B411160289 Ack receipt of 840914 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-334/84-02. Confirms that applicable administrative & implementing procedures in effect by 841015.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/09. CAREY, J.J. Duquesne Light Co. 2pp. 27540:331. 24X Fiche: 50-334, 84/11/09, 8411160289.

--B411160297 Responds to NRC 840529 ltr re violations noted in Insp Rept 50-334/84-02. Corrective actions: insp plan for items requiring insp during fourth refueling outage generated. Extension until 841015 requested for review completion.
CAREY, J.J. Duquesne Light Co. 84/09/14. MARTIN, T.T. Division of Engineering & Technical Programs. 3pp. 27540:333. 24X Fiche: 50-334, 84/11/09, 8411160297.

B411270410 Ack receipt of 840919 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-334/83-21.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/09. CAREY, J.J. Duquesne Light Co. 2pp. 27674:273. 24X Fiche: 50-334, 84/11/09, 8411270410.

B411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

B411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

B411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

B411130273 "NPDES Discharge Monitoring Rept, Sept 1984." W/841026 ltr. FEITKNECHT, C. Duquesne Light Co. 84/09/30. REID, R.W. Operating Reactors Branch 4. 16pp. 27459:346. 24X Fiche: 50-334, 84/09/30, 8411130273.

B411150289 Monthly operating rept for Sept 1984. W/841011 ltr. HOLTZ, J.L., CAREY, J.J. Duquesne Light Co. 84/09/30. 5pp. 27529:135. 24X Fiche: 50-334, 84/09/30, 8411150289.

S. Reportable occurrences, LERs & related correspondence

B411290465 LER 84-012-00 on 841018, offsite power temporarily lost to 4 kV busses 1A & 1B. Caused by faulty current transformer switch & location of ground. W/841109 ltr.
DRUGA, R.J., LACEY, W.S. Duquesne Light Co. 84/11/09. MURLEY, T.E. Region 1, Office of Director. 5pp. 27720:346. 24X Fiche: 50-334, 84/11/09, 8411290465.

DOCKET 50-335 ST. LUCIE PLANT, UNIT 1

F. Security, medical, emergency & fire protection plans

B411140298 Requests that 20-day submittal of annual emergency exercise objectives & detailed scenarios be eliminated & 45-day schedule be used w/all controller info, per 820129 ltr. No change needed in 75-day schedule.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27530:061. 24X Fiche: 50-000, 84/10/11, 8411140298.

B411150321 Forwards Insp Repts 50-335/84-28 & 50-389/84-30 on 840924-27. No violations or deviations noted.
DANCE, H.C. Region 2, Office of Director. 84/10/17. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27529:082. 24X Fiche: 50-335, 84/10/17, 8411150321.

--B411150331 Insp Repts 50-335/84-28 & 50-389/84-30 on 840924-27. No violations or deviations noted. Major areas inspected: emergency preparedness.
MARSTON, R.R., CLINE, W.E. Region 2, Office of Director. 84/10/15. 6pp. 27529:084. 24X Fiche: 50-335, 84/10/17, 8411150321.

B411060573 Ack receipt of 840831 ltr transmitting Rev 9 to physical security plan. Addl clarification required re underwater intrusion detection sys. Encl withheld (ref 10CFR73.21).
LEWIS, R.C. Region 2, Office of Director. 84/10/25. WILLIAMS, J.W. Florida Power & Light Co. 3pp. 27530:186. 24X Fiche: 50-335, 84/10/25, 8411060573.

B411060325 Forwards addl info re safety parameter display sys implementation plan submitted in response to Generic Ltr 82-33 & 840914 request. Info covers isolation devices, human factors program & data validation.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/02. MILLER, J.R. Operating Reactors Branch 3. 24pp. 27321:143. 24X Fiche: 50-335, 84/11/02, 8411060325.

B411280533 Forwards summary of 841002 meeting w/util concerning summary rept re open or confirmatory items described in 840510 detailed control room design review preimplementation audit rept. Attendance list encl.
VARGA, S.A. Operating Reactors Branch 1. 84/11/06. WILLIAMS, J.W. Florida Power & Light Co. 33pp. 27682:165. 24X Fiche: 50-000, 84/11/06, 8411280533.

I. Financial information

B411280218 Notifies that NRC review of financial info submitted on 841107 found licensee in compliance w/10CFR140.21 requiring approved guarantee of payment of deferred premium for each reactor over 100 MWe.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. WILLIAMS, J.W. Florida Power & Light Co. 1p. 27681:361. 24X Fiche: 50-000, 84/11/16, 8411280218.

P. Operating license stage documents & correspondence

B411010257 Requests that 841025 presentation to EDO include comments on encl "Maint & Surveillance Program Plan." Addl detail needed re NRC coordination & evaluation of Nuclear Utils Mgt & Human Resources Committee/INPO initiatives.
RUSSELL, W.T. Division of Human Factors Safety. 84/10/16. WOODY, C.D. Florida Power & Light Co. 1p. 27264:309. 24X Fiche: 50-000, 84/10/16, 8411010257.

B411150204 Advises that 840831 request for extension until 850131 to respond to Items 1 & 3 of Generic Ltr 84-15 re diesel generator reliability acceptable. Only Item 1 may require proposed amends. Items 2 & 3 for staff use.
MILLER, J.R. Operating Reactors Branch 3. 84/10/24. WILLIAMS, J.R. Florida Power & Light Co. 1p. 27530:310. 24X Fiche: 50-335, 84/10/24, 8411150204.

DOCKETED ITEMS

161

8411010353 Provides justification that loss of one LPSI pump worst active failure, in response to Amend 63 to SER for Cycle 6 restart.
WILLIAMS, J.W. Florida Power & Light Co. 84/10/25. EISENHUT, D.G. Division of Licensing. 1p. 27229:124. 24X Fiche: 50-335, 84/10/25. 8411010353.

8411200435 Forwards attendee list for proposed Dec 1984 2-day ofc & site visit to obtain info re resolution of Unresolved Safety Issue A-45 on shutdown DHR sys in existing LWR power plants.
W/o encl.
MILLER, J.R. Operating Reactors Branch 3. 84/10/26. WILLIAMS, J.W. Florida Power & Light Co. 3pp. 27598:218. 24X Fiche: 50-335, 84/10/26. 8411200435.

8411050217 Informs of nonconformance w/vendor equipment technical info program recommendations (Generic Ltr 83-28, Item 2.2.2) in areas of internal handling of vendor svcs & vendor info. Revised procedures to be incorporated by 841215.
WILLIAMS, J.W. Florida Power & Light Co. 84/10/30. EISENHUT, D.G. Division of Licensing. 1p. 27302:360. 24X Fiche: 50-335, 84/10/30. 8411050217.

8411060208 Forwards info in response to NRC 840914 ltr re inadequate core cooling instrumentation sys, NUREG-0737, Item II.F.2. Implementation ltr rept & milestones for implementation of sys included.
WILLIAMS, J.W. Florida Power & Light Co. 84/11/01. MILLER, J.R. Operating Reactors Branch 3. 8pp. 27324:030. 24X Fiche: 50-335, 84/11/01. 8411060208.

G. Inspection reports, IE Bulletins & correspondence

8411140076 Forwards Insp Repts 50-335/84-27 & 50-389/84-29 on 840910-14. No violation or deviation noted.
DANCE, H.C. Region 2, Office of Director. 84/10/01. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27492:336. 24X Fiche: 50-335, 84/10/01. 8411140076.

--8411140082 Insp Repts 50-335/84-27 & 50-389/84-29 on 840910-14. No violation or deviation noted. Major areas inspected: plant chemistry inservice insp of pumps & valves & previous insp findings.
ROSS, W.J., BLAKE, J.J. Region 2, Office of Director. 84/09/27. 15pp. 27492:338. 24X Fiche: 50-335, 84/10/01. 8411140076.

8411150321 Forwards Insp Repts 50-335/84-28 & 50-389/84-30 on 840924-27. No violations or deviations noted.
DANCE, H.C. Region 2, Office of Director. 84/10/17. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27529:082. 24X Fiche: 50-335, 84/10/17. 8411150321.

--8411150331 Insp Repts 50-335/84-28 & 50-389/84-30 on 840924-27. No violations or deviations noted. Major areas inspected: emergency preparedness.
MARSTON, R.R., CLINE, W.E. Region 2, Office of Director. 84/10/15. 6pp. 27529:084. 24X Fiche: 50-335, 84/10/17. 8411150321.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26. 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02. 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05. 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08. 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16. 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16. 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19. 8411150054.

R. Periodic operating reports & related correspondence

8411150139 Monthly operating repts for Sept 1984. W/841015 ltr.
GRANT, N.W., WILLIAMS, J.W. Florida Power & Light Co. 84/09/30. 17pp. 27530:011. 24X Fiche: 50-000, 84/09/30. 8411150139.

8411280030 Monthly operating repts for Oct 1984. W/841115 ltr.
GRANT, N.W., WILLIAMS, J.W. Florida Power & Light Co. 84/10/31. 17pp. 27685:243. 24X Fiche: 50-000, 84/10/31. 8411280030.

S. Reportable occurrences, LERs & related correspondence

8411010639 LER 84-010-00: on 840923, usage of diesel generator 1B for repair of leaking O-rings on pump 1A accumulator left tank level below Tech Spec limit. Caused by administratively inoperable emergency power source. W/841023 ltr.
JARMAN, R.C., WILLIAMS, J.W. Florida Power & Light Co. 84/10/23. 2pp. 27246:043. 24X Fiche: 50-335, 84/10/23. 8411010639.

8411120131 Forwards "Thermal Shield Failure at St Lucie Nuclear Generating Station Unit 1."
WILLIAMS, J.W. Florida Power & Light Co. 84/11/07. MILLER, J.R. Operating Reactors Branch 3. 1p. 27429:240. 24X Fiche: 50-335, 84/11/07. 8411120131.

8411120138 "Thermal Shield Failure at St Lucie Nuclear Generating Station Unit 1."
DAWSON, T.H., NIEDERBERGER, R., GILLERLAIN, J.D. Forensic Technologies International Corp. 84/10/12. 71pp. 27429:241. 24X Fiche: 50-335, 84/11/07. 8411120131.

8411190128 LER 84-011-00: on 841009, emergency diesel generator 1A fuel oil storage tank found 3/4-inch below Tech Spec requirement. Cause not stated. Fuel inventory corrected. Guidance on reading to specified limits issued. W/841108 ltr.
STEWART, D., WILLIAMS, J.W. Florida Power & Light Co. 84/11/08. 2pp. 27568:013. 24X Fiche: 50-335, 84/11/08. 8411190128.

8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl.
WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, 84/11/12. 8411260340.

DOCKET 50-336 MILLSTONE NUCLEAR POWER STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411050094 Forwards Rev 19 to modified amended security plan. Rev withheld (ref 10CFR73.21 & 2.790).
COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/09/14. MILLER, J.R. Operating Reactors Branch 3. PAULSON, W.A. Operating Reactors Branch 5. 1p. 27301:359. 24X Fiche: 50-245, 84/09/14. 8411050094.

8411010184 Ack receipt of 840809 ltr informing NRC of steps taken to correct violation noted in Insp Repts 50-245/84-13 & 50-336/84-13. Response to Item B re reevaluation of intake estimate, will be reviewed during subsequent insp.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/09. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27249:153. 24X Fiche: 50-245, 84/10/09. 8411010184.

--8411010190 Responds to NRC 840711 ltr re violation noted in Insp Repts 50-245/84-13 & 50-336/84-13. Corrective actions: health physics personnel instructed to follow Rev 4 to Radiation Protection Procedure SHP 4912.
COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). SEARS, C.F. Northeast Utilities. 84/08/09. MARTIN, T.T. Division of Engineering & Technical Programs. 2pp. 27249:155. 24X Fiche: 50-245, 84/10/09. 8411010184.

DOCKETED ITEMS

8411030298 Forwards Insp Repts 50-245/84-20 & 50-336/84-20 on 840715-0908. No violations noted.
WENZINGER, E. C. Division of Project & Resident Programs. 84/10/18.
COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27308:287. 24X Fiche: 50-245, 84/10/18, 8411030298.

--8411030309 Insp Repts 50-245/84-20 & 50-336/84-20 on 840715-0908. No violations noted. Major areas inspected: plant operations evaluations, equipment alignments & readiness, radiation protection, physical security & fire protection.
SHEDLOSKEY, J. T., ROBERTSON, J. A., MANOLY, K. A. Region 1, Office of Director. 84/10/05. 16pp. 27308:289. 24X Fiche: 50-245, 84/10/18, 8411030298.

8411070020 Revised emergency plan implementing procedures, including EPIP 4210 re emergency recovery, EPIP 4218 re use of potassium iodide as thyroid blocking agent & EPIP 4219 re plant parameter & instrumentation readout.
COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W. G. Northeast Utilities. 84/10/26. 400pp. 27356:285. 24X Fiche: 50-245, 84/10/26, 8411070020.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1.
MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. HARRINGTON, W. D. Boston Edison Co. LEDNARD, J. D. Long Island Lighting Co. 36pp. 27609:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411260367 Forwards Rev 1 to safeguards contingency plan. Rev withheld (ref 10CFR73.21 & 2.790).
COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W. G. Northeast Utilities. 84/11/13.
MURLEY, T. E. Region 1, Office of Director. 2pp. 27609:260. 24X Fiche: 50-245, 84/11/13, 8411260367.

I. Financial information

8411290023 Advises that review of financial info submitted for 1984 completed. Info satisfies requirements of 10CFR140, Section 140.21 that each licensee maintain approved guarantee of deferred premiums for each operating reactor over 100 MW(e).
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/20. PALMER, D. H. Northeast Utilities. 1p. 27700:306. 24X Fiche: 50-245, 84/11/20, 8411290023.

P. Operating license stage documents & correspondence

8411140386 Summarizes concerns & responses to concerns raised in util 840702 ltr re NRC position on placing limits for overtime in plant Tech Specs. Commitment to propose suitable Tech Specs for each plant over next 6 months requested.
MILLER, J. R. Operating Reactors Branch 3. 84/10/16. COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 27528:009. 24X Fiche: 50-000, 84/10/16, 8411140386.

8411140579 Summary of 840927 meeting w/util re clarification of NRC 840224 request for addl info on masonry wall design. List of attendees & staff position on use of energy balance technique to qualify reinforced masonry walls encl.
OSBORNE, D. B. Operating Reactors Branch 3. 84/10/24. Operating Reactors Branch 3. 38pp. 27527:231. 24X Fiche: 50-336, 84/10/24, 8411140579.

8411060146 Forwards monthly status rept on plant-specific backfits through Aug 1984. Proposed mods to interim procedures, reflecting more accurate appeal process, being developed.
EISENHUT, D. G. Division of Licensing. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 9pp. 27383:248. 24X Fiche: 50-000, 84/10/26, 8411060146.

8411200141 Summary of 841003 meeting w/util & C-E re methods used to reconstitute fuel assemblies containing leaking pins. Util agreed to provide details on how radiation dose numbers calculated. Attendance list & viewgraph encl.
OSBORNE, D. B. Operating Reactors Branch 3. 84/10/26. Operating Reactors Branch 3. 43pp. 27586:300. 24X Fiche: 50-336, 84/10/26, 8411200141.

G. Inspection reports, IE Bulletins & correspondence

8411160103 Forwards Exam Rept 50-336/84-19 of exam administered on 840716-19.
STAROSTECKI, R. Region 1, Office of Director. 84/10/02.
COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27544:273. 24X Fiche: 50-336, 84/10/02, 8411160103.

--8411160110 Exam Rept 50-336/84-19 administered on 840716-19. Exam results: all exams evaluated as satisfactory. Requalification training program inspected & no violations identified.
DUDLEY, N. F., KELLER, R. M. Region 1, Office of Director. 84/09/06. 8pp. 27544:295. 24X Fiche: 50-336, 84/10/02, 8411160103.

8411010184 Ack receipt of 840809 ltr informing NRC of steps taken to correct violation noted in Insp Repts 50-245/84-13 & 50-336/84-13. Response to Item B re reevaluation of intake estimate, will be reviewed during subsequent insp.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/09.
COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27249:153. 24X Fiche: 50-245, 84/10/09, 8411010184.

--8411010190 Responds to NRC 840711 ltr re violation noted in Insp Repts 50-245/84-13 & 50-336/84-13. Corrective actions: health physics personnel instructed to follow Rev 4 to Radiation Protection Procedure SHP 4912.
COUNSIL, W. G., SEARS, C. F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W. G. Northeast Utilities. 84/08/09. MARTIN, T. T. Division of Engineering & Technical Programs. 2pp. 27249:155. 24X Fiche: 50-245, 84/10/09, 8411010184.

8411030298 Forwards Insp Repts 50-245/84-20 & 50-336/84-20 on 840715-0908. No violations noted.
WENZINGER, E. C. Division of Project & Resident Programs. 84/10/18.
COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27308:287. 24X Fiche: 50-245, 84/10/18, 8411030298.

--8411030309 Insp Repts 50-245/84-20 & 50-336/84-20 on 840715-0908. No violations noted. Major areas inspected: plant operations evaluations, equipment alignments & readiness, radiation protection, physical security & fire protection.
SHEDLOSKEY, J. T., LIPINSKY, D. R., WILLIAMS, J. H. Region 1, Office of Director. 84/10/05. 16pp. 27308:289. 24X Fiche: 50-245, 84/10/18, 8411030298.

8411030348 Responds to program weaknesses identified in Insp Rept 50-336/84-03. Ongoing improvements in area of computer code RETRAN use in licensing analysis discussed.
COUNSIL, W. G., SEARS, C. F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W. G. Northeast Utilities. 84/07/13.
STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27287:362. 24X Fiche: 50-336, 84/10/18, 8411030348.

8410250031 IE Info Notice 84-77. "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411190541 Forwards addl info re IE Bulletin 80-11, "Masonry Wall Design," in response to NRC 840224 request. Final response to Question 4 will be provided by 850103.
COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W. G. Northeast Utilities. 84/11/02.
MILLER, J. R. Operating Reactors Branch 3. 19pp. 27550:004. 24X Fiche: 50-336, 84/11/02, 8411190541.

8411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/03. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/03, 8411010487.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

DOCKETED ITEMS

163

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche:50-000,84/11/19,8411150054.

R. Periodic operating reports & related correspondence

8411150189 Monthly operating rept for Sept 1984.W/841012 ltr.
NERDN, G., MROCKA, E. J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKA, E. J. Northeast Utilities. 84/09/30. 6pp. 27529:342. 24X Fiche:50-336,84/09/30,8411150189.

S. Reportable occurrences, LERs & related correspondence

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche:50-000,84/11/06,8411190524.

8411190200 LER 82-036/03X-3: on 820825,840227 & 0404, cracks discovered in charging pumps A & B. Caused by high local stresses on subsurface inclusion in pump bore. Cracks propagated due to fatigue. Pumps replaced. W/841109 ltr.
FILBURN, T., ROMBERG, W. D. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). ROMBERG, W. D. Northeast Utilities. 84/11/09. 3pp. 27567:299. 24X Fiche:50-336,84/11/09,8411190200.

8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl.
WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche:50-000,84/11/12,8411260340.

8411200220 PNO-1-84-098: on 841115, MSIV for steam generator 1 failed shut, tripping reactor from 100% power. MSIV failure caused by air powered actuator seal failure. No safety problems identified. Shutdown duration expected to exceed 3 days.
JOHNSON, T. P., SHEDLOSKE, J. T., MCCABE, E. C. Region 1, Office of Director. 84/11/15. 1p. 27577:208. 24X Fiche:50-336,84/11/15,8411200220.

8411290116 LER 84-010-00: on 841018, radiation monitor B157 found inoperable. Caused by defective photomultiplier tube. Tube replaced. Surveillances rescheduled to prevent recurrences.
W/841116 ltr.
BATES, R. W., MROCKA, E. J. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). MROCKA, E. J. Northeast Utilities. 84/11/16. 3pp. 27718:360. 24X Fiche:50-336,84/11/16,8411290116.

V. Operator Examinations

8411160103 Forwards Exam Rept 50-336/84-19 of exam administered on 840716-19.
STAROSTECKI, R. Region 1, Office of Director. 84/10/02. COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27544:293. 24X Fiche:50-336,84/10/02,8411160103.

--8411160110 Exam Rept 50-336/84-19 administered on 840716-19. Exam results: all exams evaluated as satisfactory. Requalification training program inspected & no violations identified.
DUDLEY, N. F., KELLER, R. M. Region 1, Office of Director. 84/09/06. 8pp. 27544:295. 24X Fiche:50-336,84/10/02,8411160103.

DOCKET 50-338 NORTH ANNA POWER STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411140395 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27495:095. 24X Fiche:50-000,84/10/11,8411140395.

8411030266 Informs of 841108-09 in-process audit of detailed control room design review to clarify aspects of review process & evaluate results of review to date. Access to control room area & simulator for NRC requested.
VARGA, S. A. Operating Reactors Branch 1. 84/10/19. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27309:331. 24X Fiche:50-000,84/10/19,8411030266.

841160052 Forwards addl info re Phase II of App R reanalysis effort. Current final milestone for completing App R modes is next refueling outage, per 840731 ltr.
STEWART, W. L. Virginia Electric & Power Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. MILLER, J. R. Operating Reactors Branch 3. 258pp. 27534:006. 24X Fiche:50-338,84/10/31,841160052.

8411080203 Application to amend Licenses NPF-4 & NPF-7, changing Tech Specs to reflect current organizations within nuclear operations dept, GA dept, maint & performance svcs dept & security dept. Fee paid.
STEWART, W. L. Virginia Electric & Power Co. 84/11/02. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. MILLER, J. R. Operating Reactors Branch 3. 3pp. 27392:220. 24X Fiche:50-338,84/11/02,8411080203.

--8411080213 Proposed Tech Spec changes, reflecting current organizations within nuclear operations dept, GA dept, maint & performance svcs dept & security dept.
* Virginia Electric & Power Co. 84/11/02. 30pp. 27392:223. 24X Fiche:50-338,84/11/02,8411080203.

8411200391 Forwards addl info re safety parameter display sys. in response to 840830 request.
STEWART, W. L. Virginia Electric & Power Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. VARGA, S. A. Operating Reactors Branch 1. 10pp. 27569:039. 24X Fiche:50-000,84/11/05,8411200391.

8411200492 Forwards safety evaluation re implementation of inadequate core cooling instrumentation sys (ICIS). Proposed final ICCIS in compliance w/requirements of NUREG-0737, Item II.F.2 & acceptable upon completion of listed items.
MILLER, J. R. Operating Reactors Branch 3. 84/11/06. STEWART, W. L. Virginia Electric & Power Co. 2pp. 27598:153. 24X Fiche:50-338,84/11/06,8411200492.

--8411200503 Safety evaluation re implementation of inadequate core cooling instrumentation sys (ICIS). Proposed final ICCIS in compliance w/requirements of NUREG-0737, Item II.F.2 & acceptable upon completion of listed items.
* NRC - No Detailed Affiliation Given. 84/11/06. 6pp. 27598:155. 24X Fiche:50-338,84/11/06,8411200492.

8411200028 Revised emergency plan implementing procedures, including EPIP-1.01 re emergency manager controlling procedure, EPIP-1.02 re response to notification of unusual event & EPIP-1.03 re response to alert. W/841109 ltr.
STEWART, W. L. Virginia Electric & Power Co. 84/11/09. O'REILLY, J. P. Region 2, Office of Director. 593pp. 27579:269. 24X Fiche:50-338,84/11/09,8411200028.

G. Adjudicatory correspondence

8411060595 Forwards executed affidavit of nondisclosure concerning Concerned Citizens of Louisa County Contention 4 re security. Related correspondence.
DOUGHERTY, J. B. Dougherty, J. B. DOUGHERTY, J. B. Concerned Citizens of Louisa County. #484 978. 84/10/24. WOLFE, S. J. Atomic Safety and Licensing Board Panel. 6pp. 27326:296. 24X Fiche:50-338,84/10/24,8411060595.

8411060602 Submits parties response to Paragraph 3 of ASLB 841015 order. Related correspondence.
MAUPIN, M. W. Hunton & Williams. MAUPIN, M. W. Virginia Electric & Power Co. #484 971. 84/10/30. WOLFE, S. J. Atomic Safety and Licensing Board Panel. 2pp. 27326:341. 24X Fiche:50-338,84/10/30,8411060602.

8411060544 Motion for 1-day extension to file appeal of ASLB 841015 decision.
DOUGHERTY, J. B. Concerned Citizens of Louisa County. DOUGHERTY, J. B. Dougherty, J. B. #484 960. 84/10/31. Atomic Safety and Licensing Board Panel. 1p. 27326:293. 24X Fiche:50-338,84/10/31,8411060544.

8411060599 Motion for 1-day extension of time to file appeal of ASLB 841015 decision re Concerned Citizens of Louisa County. Appeal granted.
DOUGHERTY, J. B. Concerned Citizens of Louisa County. TOMPKINS, B. A. Atomic Safety and Licensing Appeal Panel. #484 962. 84/10/31. Atomic Safety and Licensing Appeal Panel. 1p. 27326:343. 24X Fiche:50-338,84/10/31,8411060599.

8411060278 Order outlining schedule for notification of whether or not ASLB should rule upon issue of applicability of Table S-4, as posed in consolidated Contention 1 & setting time period for filing of motions. Served on 841105.
WOLFE, S. J. Atomic Safety and Licensing Board Panel. #484 918. 84/11/05. Office of the Executive Legal Director. 2pp. 27323:334. 24X Fiche:50-338,84/11/05,8411060278.

DOCKETED ITEMS

8411060609 Notice of appeal & request for stay for Concerned Citizens of Louisa County & ASLB 841015 memorandum & order denying in part petition to intervene in proceeding.
DOUGHERTY, J.B. Atomic Safety and Licensing Appeal Panel. #484 963.
84/11/05. 1p. 27327:001. 24X Fiche: 50-338, 84/11/05, 8411060609.

--8411060612 Brief on appeal re applications submitted by util for amends to CLs for facilities authorizing receipt & storage of 300 spent fuel assemblies. Certificate of Svc encl.
DOUGHERTY, J.B. Atomic Safety and Licensing Board Panel. 84/11/01. 17pp. 27327:002. 24X Fiche: 50-338, 84/11/05, 8411060609.

8411200178 Applicant brief opposing 841101 appeal & request for stay filed by Concerned Citizens of Louisa County re application for permission to install neutron absorbing racks.
Certificate of Svc encl.
SCHWARZSCHILD Virginia Electric & Power Co. SCHWARZSCHILD Hunton & Williams. #484 207. 84/11/15. Atomic Safety and Licensing Appeal Panel. 12pp. 27577:071. 24X Fiche: 50-338, 84/11/15, 8411200178.

8411210419 Forwards brief in opposition to appeal of Concerned Citizens of Louisa County & answer opposing request for stay. W/o encl. Related correspondence.
SCHWARZSCHILD Hunton & Williams. SCHWARZSCHILD Virginia Electric & Power Co. #484 249. 84/11/15. Docketing & Services Branch. 1p. 27611:165. 24X Fiche: 50-338, 84/11/15, 8411210419.

8411200324 Brief in opposition to Concerned Citizens appeal & motion for stay re expansion of spent fuel pool. Petition for leave to intervene should be affirmed. Request for stay should be denied. Certificate of Svc encl.
MCOURREN, H.J. Hearing Branch 1. 84/11/16. Atomic Safety and Licensing Appeal Panel. 18pp. 27573:172. 24X Fiche: 50-338, 84/11/16, 8411200324.

8411210411 Advises that Concerned Citizens for Louisa County & NRC request, per 10CFR 2.749, ASLB proceed to rule on issue of applicability of Table S-4 re storage of fuel at North Anna as posed in Consolidated Contention 1.
MAUPIN, M.W. Hunton & Williams. #484 251. 84/11/16. WOLFE, S.J. Atomic Safety and Licensing Board Panel. 2pp. 27600:111. 24X Fiche: 50-338, 84/11/16, 8411210411.

8411210414 Memorandum & order dismissing Concerned Citizens of Louisa County appeal of ASLB 841015 memorandum & order re proceedings involving proposed amends to CLs. Served on 841121.
SHEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 258. 84/11/20. Concerned Citizens of Louisa County. 7pp. 27600:113. 24X Fiche: 50-338, 84/11/20, 8411210414.

P. Operating license stage documents & correspondence

8411050403 Forwards status of environ qualification of electrical equipment in response to deficiencies identified in 830324
SER for safety-related electrical equipment. Requests that SER be issued to indicate deficiencies resolved.
STEWART, W.L. Virginia Electric & Power Co. 84/10/29. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 85pp. 27301:070. 24X Fiche: 50-338, 84/10/29, 8411050403.

8411150030 Forwards response to request for addl info re NUREG-0737, TMI Action Item II.D.1, concerning relief & safety valve performance testing.
STEWART, W.L. Virginia Electric & Power Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 130pp. 27505:015. 24X Fiche: 50-338, 84/10/31, 8411150030.

8411080203 Application to amend Licenses NPF-4 & NPF-7, changing Tech Specs to reflect current organizations within nuclear operations dept, GA dept, maint & performance svcs dept & security dept. Fee paid.
STEWART, W.L. Virginia Electric & Power Co. 84/11/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 3pp. 27392:220. 24X Fiche: 50-338, 84/11/02, 8411080203.

--8411080213 Proposed Tech Spec changes, reflecting current organizations within nuclear operations dept, GA dept, maint & performance svcs dept & security dept.
* Virginia Electric & Power Co. 84/11/02. 30pp. 27392:223. 24X Fiche: 50-338, 84/11/02, 8411080203.

8411200492 Forwards safety evaluation re implementation of inadequate core cooling instrumentation sys (ICCIS). Proposed final ICCIS in compliance w/requirements of NUREG-0737, Item II.F.2 & acceptable upon completion of listed items.
MILLER, J.R. Operating Reactors Branch 3. 84/11/06. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27598:153. 24X Fiche: 50-338, 84/11/06, 8411200492.

--8411200503 Safety evaluation re implementation of inadequate core cooling instrumentation sys (ICCIS). Proposed final ICCIS in compliance w/requirements of NUREG-0737, Item II.F.2 & acceptable upon completion of listed items.
* NRC - No Detailed Affiliation Given. 84/11/06. 6pp. 27598:155. 24X Fiche: 50-338, 84/11/06, 8411200492.

8411280274 Application for amends to Licenses NPF-4 & NPF-7, resubmitting pages from 840316 application which revised existing Tech Specs to reflect new LER reporting sys.
STEWART, W.L. Virginia Electric & Power Co. 84/11/21. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27667:001. 24X Fiche: 50-338, 84/11/21, 8411280274.

--8411280280 Proposed Tech Specs, resubmitting pages to delete refs to previously submitted changes & only indicating changes re LER reporting requirements of 10CFR 50.72 & 50.73.
* Virginia Electric & Power Co. 84/11/21. 12pp. 27667:003. 24X Fiche: 50-338, 84/11/21, 8411280274.

G. Inspection reports, IE Bulletins & correspondence

8411140458 Forwards Insp Repts 50-338/84-32 & 50-339/84-32 on 840806-10. No violations or deviations noted.
DANCE, H.C. Region 2, Office of Director. 84/09/19. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27494:132. 24X Fiche: 50-338, 84/09/19, 8411140458.

--8411140463 Insp Repts 50-338/84-32 & 50-339/84-32 on 840806-10. No violations noted. Major areas inspected: external exposure control & personal dosimetry, surveys, monitoring control of radioactive matl, solid waste & gaseous waste sys.
ALBRIGHT, R.H., JENKINS, G.R. Region 2, Office of Director. 84/09/19. 6pp. 27494:134. 24X Fiche: 50-338, 84/09/19, 8411140458.

8411150117 Forwards request for addl info re IE Bulletin 80-11 "Masonry Wall Design." Response requested within 30 days.
MILLER, J.R. Operating Reactors Branch 3. 84/10/02. STEWART, W.L. Virginia Electric & Power Co. 3pp. 27543:291. 24X Fiche: 50-338, 84/10/02, 8411150117.

8411140166 Forwards Insp Rept 50-338/84-29 on 840731-0807. No violations or deviations noted.
DANCE, H.C. Region 2, Office of Director. 84/10/05. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27493:322. 24X Fiche: 50-338, 84/10/05, 8411140166.

--8411140171 Insp Rept 50-338/84-29 on 840731-0807. No violations or deviations noted. Major areas inspected: containment integrated leak rate test, documentation & procedure.
WHITENER, H.L., MELLEN, L.S., JAFFE, F. Region 2, Office of Director. 84/10/04. 7pp. 27493:324. 24X Fiche: 50-338, 84/10/05, 8411140166.

8411130578 Informs of plans to conduct special insp of training programs at Surry during 841105-09 & North Anna during 841126-30. Insp will assess effectiveness of programs. Insp plan encl. W/o encl.
LEWIS, R.C. Region 2, Office of Director. 84/10/18. STEWART, W.L. Virginia Electric & Power Co. 1p. 27461:293. 24X Fiche: 50-000, 84/10/18, 8411130578.

8411140100 Ack receipt of 840926 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-338/84-27 & 50-339/84-27.
LEWIS, R.C. Region 2, Office of Director. 84/10/18. STEWART, W.L. Virginia Electric & Power Co. 1p. 27492:308. 24X Fiche: 50-338, 84/10/18, 8411140100.

--8411140105 Responds to NRC 840827 ltr re violations noted in Insp Repts 50-338/84-27 & 50-339/84-27. Corrective actions: svc water discharge operations halted until radioactive liquid effluent monitor operable.
STEWART, W.L. Virginia Electric & Power Co. 84/09/26. O'REILLY, J.P. Region 2, Office of Director. 5pp. 27492:309. 24X Fiche: 50-338, 84/10/18, 8411140100.

--8411140109 Forwards Insp Repts 50-338/84-27 & 50-339/84-27 on 840706-0805 & notices of violation & deviation.
LEWIS, R.C. Region 5, Office of Director. 84/08/27. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27492:314. 24X Fiche: 50-338, 84/10/18, 8411140100.

--8411140113 Notice of violation from insp on 840706-0805.
* Region 2, Office of Director. 84/08/27. 1p. 27492:316. 24X Fiche: 50-338, 84/10/18, 8411140100.

--8411140120 Notice of deviation from insp on 840706-0805.
* Region 2, Office of Director. 84/08/27. 1p. 27492:317. 24X Fiche: 50-338, 84/10/18, 8411140100.

DOCKETED ITEMS

165

--8411140132 Insp Repts 50-338/84-27 & 50-339/84-27 on 840706-0805.
Violation noted: valves for ESF pumps mislabeled.
Deviation noted: radiation monitor inoperable due to isolated ESF pump.
BRANCH, M.W., LUEHMAN, J.G., ELROD, S.A. Region 2, Office of Director.
84/08/21. 9pp. 27492:318. 24X Fiche: 50-338, 84/10/18, 8411140100.

8410250031 IE Info Notice 84-77. "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411260294 Forwards addl info re IE Bulletin 80-11. "Masonry Wall Design." requested by 841002 ltr. Info provides technical basis & clarification of fixity condition used in block wall analysis.
STEWART, W.L. Virginia Electric & Power Co. 84/11/14. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27613:057. 24X Fiche: 50-338, 84/11/14, 8411260294.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411140314 Monthly operating repts for Sept 1984. W/841015 ltr.
LEE, J.N., STEWART, W.L. Virginia Electric & Power Co. 84/09/30.
BEEBE, M.R. Office of Resource Management, Director. 12pp. 27491:265. 24X Fiche: 50-338, 84/09/30, 8411140314.

S. Reportable occurrences, LERs & related correspondence

8411060165 LER 84-013-00: on 840910-25, liquid radwaste discharge to unrestricted areas in excess of Tech Spec limits & clarifier effluent discharged w/o treatment. Caused by inadequate controls. W/841025 ltr.
HARRELL, E.W. Virginia Electric & Power Co. 84/10/25. 3pp. 27352:352. 24X Fiche: 50-338, 84/10/25, 8411060165.

8411130592 LER 84-017-00: on 841005, five workers remained in posted high radiation area w/o proper health physics coverage required by radiation work permit. Caused by personnel error. Health physics technician terminated. W/841102 ltr.
HARRELL, E.W. Virginia Electric & Power Co. 84/11/02. 3pp. 27461:302. 24X Fiche: 50-338, 84/11/02, 8411130592.

8411200446 Advises that LER 84-015-00 will not be used.
HARRELL, E.W. Virginia Electric & Power Co. 84/11/07. Record Services Branch (Document Control Desk). 1p. 27584:286. 24X Fiche: 50-338, 84/11/07, 8411200446.

8411190233 LER 84-018-00: on 841012, turbine & reactor trip occurred due to loss of electro hydraulic control sys control power. Caused by technician unfamiliarity w/equipment. Technician counseled. W/841108 ltr.
HARRELL, E.W. Virginia Electric & Power Co. 84/11/08. 4pp. 27567:314. 24X Fiche: 50-338, 84/11/08, 8411190233.

DOCKET 50-339 NORTH ANNA POWER STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411140595 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27493:095. 24X Fiche: 50-000, 84/10/11, 8411140595.

8411030266 Informs of 841108-09 in-process audit of detailed control room design review to clarify aspects of review process & evaluate results of review to date. Access to control room area & simulator for NRC requested.
VARGA, S.A. Operating Reactors Branch 1. 84/10/19. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27309:331. 24X Fiche: 50-000, 84/10/19, 8411030266.

8411160052 Forwards addl info re Phase II of App R reanalysis effort. Current final milestone for completing App R modes is next refueling outage, per 840731 ltr.
STEWART, W.L. Virginia Electric & Power Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 25pp. 27534:006. 24X Fiche: 50-338, 84/10/31, 8411160052.

8411080203 Application to amend Licenses NPF-4 & NPF-7, changing Tech Specs to reflect current organizations within nuclear operations dept, GA dept, maint & performance svcs dept & security dept. Fee paid.
STEWART, W.L. Virginia Electric & Power Co. 84/11/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27392:220. 24X Fiche: 50-338, 84/11/02, 8411080203.

--8411080213 Proposed Tech Spec changes, reflecting current organizations within nuclear operations dept, GA dept, maint & performance svcs dept & security dept.
* Virginia Electric & Power Co. 84/11/02. 30pp. 27392:223. 24X Fiche: 50-338, 84/11/02, 8411080203.

8411200391 Forwards addl info re safety parameter display sys, in response to 840830 request.
STEWART, W.L. Virginia Electric & Power Co. 84/11/05. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 10pp. 27569:039. 24X Fiche: 50-000, 84/11/05, 8411200391.

8411200492 Forwards safety evaluation re implementation of inadequate core cooling instrumentation sys (ICCS). Proposed final ICCS in compliance w/requirements of NUREG-0737, Item II.F.2 & acceptable upon completion of listed items.
MILLER, J.R. Operating Reactors Branch 3. 84/11/06. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27598:153. 24X Fiche: 50-338, 84/11/06, 8411200492.

--8411200503 Safety evaluation re implementation of inadequate core cooling instrumentation sys (ICCS). Proposed final ICCS in compliance w/requirements of NUREG-0737, Item II.F.2 & acceptable upon completion of listed items.
* NRC - No Detailed Affiliation Given. 84/11/06. 6pp. 27598:155. 24X Fiche: 50-338, 84/11/06, 8411200492.

8411200028 Revised emergency plan implementing procedures, including EPIP-1.01 re emergency manager controlling procedure, EPIP-1.02 re response to notification of unusual event & EPIP-1.03 re response to alert. W/841109 ltr.
STEWART, W.L. Virginia Electric & Power Co. 84/11/09. O'REILLY, J.P. Region 2, Office of Director. 593pp. 27579:269. 24X Fiche: 50-338, 84/11/09, 8411200028.

G. Adjudicatory correspondence

8411060595 Forwards executed affidavit of nondisclosure concerning Concerned Citizens of Louisa County Contention 4 re security. Related correspondence.
DOUGHERTY, J.B. Dougherty, J.B. Concerned Citizens of Louisa County. #484 978. 84/10/24. WOLFE, S.J. Atomic Safety and Licensing Board Panel. 6pp. 27526:296. 24X Fiche: 50-338, 84/10/24, 8411060595.

DOCKETED ITEMS

8411060602 Submits parties response to Paragraph 3 of ASLB 841015 order. Related correspondence.
MAUPIN, M.W. Hunton & Williams. MAUPIN, M.W. Virginia Electric & Power Co. #484 971. 84/10/30. WOLFE, S.J. Atomic Safety and Licensing Board Panel. 2pp. 27326:341. 24X Fiche: 50-338, 84/10/30. 8411060602.

8411060544 Motion for 1-day extension to file appeal of ASLB 841015 decision.
DOUGHERTY, J.B. Concerned Citizens of Louisa County. DOUGHERTY, J.B. Dougherty, J.B. #484 960. 84/10/31. Atomic Safety and Licensing Board Panel. 1p. 27326:293. 24X Fiche: 50-338, 84/10/31, 8411060544.

8411060599 Motion for 1-day extension of time to file appeal of ASLB 841015 decision re Concerned Citizens of Louisa County.
Appeal granted.
DOUGHERTY, J.B. Concerned Citizens of Louisa County. TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #484 962. 84/10/31. Atomic Safety and Licensing Appeal Panel. 1p. 27326:343. 24X Fiche: 50-338, 84/10/31, 8411060599.

8411060278 Order outlining schedule for notification of whether or not ASLB should rule upon issue of applicability of Table S-4, as posed in consolidated Contention 1 & setting time period for filing of motions. Served on 841105.
WOLFE, S.J. Atomic Safety and Licensing Board Panel. #484 918. 84/11/05. Office of the Executive Legal Director. 2pp. 27323:334. 24X Fiche: 50-338, 84/11/05, 8411060278.

8411060609 Notice of appeal & request for stay for Concerned Citizens of Louisa County & ASLB 841015 memorandum & order denying in part petition to intervene in proceeding.
DOUGHERTY, J.B. Atomic Safety and Licensing Appeal Panel. #484 963. 84/11/05. 1p. 27327:001. 24X Fiche: 50-338, 84/11/05, 8411060609.

--8411060612 Brief on appeal re applications submitted by util for amends to OLs for facilities authorizing receipt & storage of 500 spent fuel assemblies. Certificate of Svc encl.
DOUGHERTY, J.B. Atomic Safety and Licensing Board Panel. 84/11/01. 17pp. 27327:002. 24X Fiche: 50-338, 84/11/05, 8411060609.

8411200178 Applicant brief opposing 841101 appeal & request for stay filed by Concerned Citizens of Louisa County re application for permission to install neutron absorbing racks.
Certificate of Svc encl.
SCHWARZSCHILD Virginia Electric & Power Co. SCHWARZSCHILD Hunton & Williams. #484 207. 84/11/15. Atomic Safety and Licensing Appeal Panel. 12pp. 27577:071. 24X Fiche: 50-338, 84/11/15, 8411200178.

8411210419 Forwards brief in opposition to appeal of Concerned Citizens of Louisa County & answer opposing request for stay. W/o encl. Related correspondence.
SCHWARZSCHILD Hunton & Williams. SCHWARZSCHILD Virginia Electric & Power Co. #484 249. 84/11/15. Docketing & Services Branch. 1p. 27611:165. 24X Fiche: 50-338, 84/11/15, 8411210419.

8411200324 Brief in opposition to Concerned Citizens appeal & motion for stay re expansion of spent fuel pool. Petition for leave to intervene should be affirmed. Request for stay should be denied. Certificate of Svc encl.
MCQUINN, H.J. Hearing Branch 1. 84/11/16. Atomic Safety and Licensing Appeal Panel. 18pp. 27573:172. 24X Fiche: 50-338, 84/11/16, 8411200324.

8411210411 Advises that Concerned Citizens for Louisa County & NRC request, per 10CFR2.749, ASLB proceed to rule on issue of applicability of Table S-4 re storage of fuel at North Anna as posed in Consolidated Contention 1.
MAUPIN, M.W. Hunton & Williams. #484 251. 84/11/16. WOLFE, S.J. Atomic Safety and Licensing Board Panel. 2pp. 27600:111. 24X Fiche: 50-338, 84/11/16, 8411210411.

8411210414 Memorandum & order dismissing Concerned Citizens of Louisa County appeal of ASLB 841015 memorandum & order re proceedings involving proposed amends to OLs. Served on 841121.
SHOEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 258. 84/11/20. Concerned Citizens of Louisa County. 7pp. 27600:113. 24X Fiche: 50-338, 84/11/20, 8411210414.

P. Operating license stage documents & correspondence

841160181 Forwards Amend 41 to License NPF-7 & safety evaluation. Amend revises Tech Specs to allow operation w/RCS average temp of 587.8 F & completes Phases 1 & 2 plant upgrade.
ENGLE, L.B. Operating Reactors Branch 3. 84/10/15. STEWART, W.L. Virginia Electric & Power Co. 1p. 27561:324. 24X Fiche: 50-339, 84/10/15, 841160181.

--841160188 Amend 41 to License NPF-7, revising Tech Specs to allow operation w/RCS average temp of 587.8 F & completing Phases 1 & 2 plant upgrade which increases secondary steam pressure to maximize electrical output.
MILLER, J.R. Operating Reactors Branch 3. 84/10/15. 13pp. 27561:325. 24X Fiche: 50-339, 84/10/15, 841160181.

--841160196 Safety evaluation supporting Amend 41 to License NPF-7.
* Office of Nuclear Reactor Regulation, Director. 84/10/16. 19pp. 27561:338. 24X Fiche: 50-339, 84/10/15, 841160181.

841150329 Informs that conduct of shorter duration Type A test during current refueling outage in accordance w/Nov 1972 Bechtel Topical Rept. Rev 1 & is acceptable.
MILLER, J.R. Operating Reactors Branch 3. 84/10/18. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27530:273. 24X Fiche: 50-339, 84/10/18, 841150329.

8411050403 Forwards status of environ qualification of electrical equipment, in response to deficiencies identified in 830324 SER for safety-related electrical equipment. Requests that SSER be issued to indicate deficiencies resolved.
STEWART, W.L. Virginia Electric & Power Co. 84/10/29. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 85pp. 27301:070. 24X Fiche: 50-338, 84/10/29, 8411050403.

841150030 Forwards response to request for addl info re NUREG-0737, TMI Action Item II.D.1, concerning relief & safety valve performance testing.
STEWART, W.L. Virginia Electric & Power Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 130pp. 27505:015. 24X Fiche: 50-338, 84/10/31, 841150030.

8411080203 Application to amend Licenses NPF-4 & NPF-7, changing Tech Specs to reflect current organizations within nuclear operations dept. GA dept. maint & performance svcs dept & security dept. Fee paid.
STEWART, W.L. Virginia Electric & Power Co. 84/11/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 3pp. 27392:220. 24X Fiche: 50-338, 84/11/02, 8411080203.

--8411080213 Proposed Tech Spec changes, reflecting current organizations within nuclear operations dept. GA dept. maint & performance svcs dept & security dept.
* Virginia Electric & Power Co. 84/11/02. 30pp. 27392:223. 24X Fiche: 50-338, 84/11/02, 8411080203.

841160276 Informs of proposal to submit request for amend to License NPF-7 by Feb 1985. Amend would revise pressure-temp limits & operating period for new limits based on evaluation of first capsule of reactor vessel surveillance program.
STEWART, W.L. Virginia Electric & Power Co. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 1p. 27537:279. 24X Fiche: 50-339, 84/11/06, 841160276.

8411200492 Forwards safety evaluation re implementation of inadequate core cooling instrumentation sys (ICCIS). Proposed final ICCIS in compliance w/requirements of NUREG-0737, Item II.F.2 & acceptable upon completion of listed items.
MILLER, J.R. Operating Reactors Branch 3. 84/11/06. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27598:153. 24X Fiche: 50-338, 84/11/06, 8411200492.

--8411200503 Safety evaluation re implementation of inadequate core cooling instrumentation sys (ICCIS). Proposed final ICCIS in compliance w/requirements of NUREG-0737, Item II.F.2 & acceptable upon completion of listed items.
* NRC - No Detailed Affiliation Given. 84/11/06. 6pp. 27598:153. 24X Fiche: 50-338, 84/11/06, 8411200492.

8411280274 Application for amends to Licenses NPF-4 & NPF-7, resubmitting pages from 840316 application which revised existing Tech Specs to reflect new LER reporting sys.
STEWART, W.L. Virginia Electric & Power Co. 84/11/21. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27667:001. 24X Fiche: 50-338, 84/11/21, 8411280274.

--8411280280 Proposed Tech Specs, resubmitting pages to delete refs to previously submitted changes & only indicating changes re LER reporting requirements of 10CFR50.72 & 50.73.
* Virginia Electric & Power Co. 84/11/21. 12pp. 27667:003. 24X Fiche: 50-338, 84/11/21, 8411280274.

DOCKETED ITEMS

167

G. Inspection reports, IE Bulletins & correspondence

841140458 Forwards Insp Repts 50-338/84-32 & 50-339/84-32 on 840806-10. No violations or deviations noted. DANCE, H.C. Region 2, Office of Director. 84/09/19. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27494:132. 24X Fiche: 50-338, 84/09/19, 841140458.

--841140463 Insp Repts 50-338/84-32 & 50-339/84-32 on 840806-10. No violations noted. Major areas inspected: external exposure control & personal dosimetry, surveys, monitoring control of radioactive matl, solid waste & gaseous waste sys. ALBRIGHT, R.H., JENKINS, G.R. Region 2, Office of Director. 84/09/19. 6pp. 27494:134. 24X Fiche: 50-338, 84/09/19, 841140458.

841150117 Forwards request for addl info re IE Bulletin 80-11 "Masonry Wall Design." Response requested within 30 days. MILLER, J.R. Operating Reactors Branch 3. 84/10/02. STEWART, W.L. Virginia Electric & Power Co. 3pp. 27543:291. 24X Fiche: 50-338, 84/10/02, 841150117.

841130578 Informs of plans to conduct special insp of training programs at Surry during 841105-09 & North Anna during 841126-30. Insp will assess effectiveness of programs. Insp plan encl. w/o encl. LEWIS, R.C. Region 2, Office of Director. 84/10/18. STEWART, W.L. Virginia Electric & Power Co. 1p. 24X Fiche: 50-000, 84/10/18, 841130578.

841140100 Ack receipt of 840926 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-338/84-27 & 50-339/84-27. LEWIS, R.C. Region 2, Office of Director. 84/10/18. STEWART, W.L. Virginia Electric & Power Co. 1p. 27492:308. 24X Fiche: 50-338, 84/10/18, 841140100.

--841140105 Responds to NRC 840827 ltr re violations noted in Insp Repts 50-338/84-27 & 50-339/84-27. Corrective actions: svc water discharge operations halted until radioactive liquid effluent monitor operable. STEWART, W.L. Virginia Electric & Power Co. 84/09/26. O'REILLY, J.P. Region 2, Office of Director. 5pp. 27492:309. 24X Fiche: 50-338, 84/10/18, 841140100.

--841140109 Forwards Insp Repts 50-338/84-27 & 50-339/84-27 on 840706-0805 & notices of violation & deviation. LEWIS, R.C. Region 2, Office of Director. 84/08/27. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27492:314. 24X Fiche: 50-338, 84/10/18, 841140100.

--841140113 Notice of violation from insp on 840706-0805. * Region 2, Office of Director. 84/08/27. 1p. 27492:316. 24X Fiche: 50-338, 84/10/18, 841140100.

--841140120 Notice of deviation from insp on 840706-0805. * Region 2, Office of Director. 84/08/27. 1p. 27492:317. 24X Fiche: 50-338, 84/10/18, 841140100.

--841140132 Insp Repts 50-338/84-27 & 50-339/84-27 on 840706-0805. Violation noted: valves for ESF pumps mislabeled. Deviation noted: radiation monitor inoperable due to isolated ESF pump. BRANCH, M.W., LUEHMAN, J.G., ELROD, S.A. Region 2, Office of Director. 84/08/21. 9pp. 27492:318. 24X Fiche: 50-338, 84/10/18, 841140100.

8411080258 Submits supplemental response to IE Bulletin 84-02 re commitment to replace normally deenergized relays during refueling outage. Due to improper certification documents, replacement relays will be installed during next outage. STEWART, W.L. Virginia Electric & Power Co. 84/10/25. O'REILLY, J.P. Region 2, Office of Director. 1p. 27392:106. 24X Fiche: 50-339, 84/10/25, 8411080258.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411260294 Forwards addl info re IE Bulletin 80-11, "Masonry Wall Design," requested by 841002 ltr. Info provides technical basis & clarification of fixity condition used in block wall analysis. STEWART, W.L. Virginia Electric & Power Co. 84/11/14. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27613:057. 24X Fiche: 50-338, 84/11/14, 8411260294.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

841140314 Monthly operating repts for Sept 1984. W/841015 ltr. LEE, J.N., STEWART, W.L. Virginia Electric & Power Co. 84/09/30. BEEBE, M.R. Office of Resource Management, Director. 12pp. 27491:265. 24X Fiche: 50-338, 84/09/30, 841140314.

S. Reportable occurrences, LERs & related correspondence

841120039 LER 84-007-00: on 840916, discovered smoke detector in control room emergency air supply failed to operate as required. Caused not stated. Fire watch placed in effect during inoperability. Detector replaced. HARRELL, E.W. Virginia Electric & Power Co. 84/10/30. 3pp. 27437:349. 24X Fiche: 50-339, 84/10/30, 841120039.

841160192 LER 84-007-00: on 840916, smoke detector located in control room emergency air supply determined inoperable. Cause not stated. Fire watch established. Detector replaced on 841026. W/841030 ltr. HARRELL, E.W. Virginia Electric & Power Co. 84/10/30. 3pp. 27546:008. 24X Fiche: 50-339, 84/10/30, 841160192.

8411210289 LER 84-008-00: on 841016, complete loss of RHR capability occurred & both RHR pumps unable to operate due to air in RHR sys. Caused by isolation valve becoming clogged. Valve repaired. W/841114 ltr. HARRELL, E.W. Virginia Electric & Power Co. 84/11/14. 3pp. 27617:028. 24X Fiche: 50-339, 84/11/14, 8411210289.

8411260054 LER 84-011-00: on 841019 & 22, emergency diesel generator 2H tripped on high jacket coolant temp. Following calibr of temp switch, diesel tripped on high crankcase pressure on 841102. Caused by spurious instrumentation problems. W/841114 ltr. HARRELL, E.W. Virginia Electric & Power Co. 84/11/14. 3pp. 27649:216. 24X Fiche: 50-339, 84/11/14, 8411260054.

8411290389 LER 84-009-00: on 841025, 81,250 gallons borated water discharged from casing cooling tank into recirculation spray pump sump. Caused by inadvertent opening of casing cooling line isolation valve. W/841119 ltr. HARRELL, E.W. Virginia Electric & Power Co. 84/11/19. 3pp. 27721:158. 24X Fiche: 50-339, 84/11/19, 8411290389.

DOCKET 50-341 ENRICO FERMI ATOMIC POWER PLANT, UNIT 2

A. Application/construction stage documents & correspondence

8411020422 Notifies that Rev 1 to Preoperational Test Procedure PRET.T 2304.001 re primary containment integrated leak rate transmitted to chief of test program section & P Byron & S DuPont at NRC. LENART, R.S. Detroit Edison Co. 84/10/12. KEPPLER, J.G. Region 3, Office of Director. 1p. 27274:310. 24X Fiche: 50-341, 84/10/12, 8411020422.

DOCKETED ITEMS

B411010186 Forwards final draft Tech Specs, relecting plant-specific design requirements & new regulatory requirements issued since development of Rev 3 to GE-ST5.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/23. JENS, W. Detroit Edison Co. 496pp. 27270:012. 24X Fiche: 50-341, 84/10/23, B411010186.

B411080663 Advises that Rev 2 to offsite dose calculation model acceptable & in compliance w/draft Tech Specs, Section 6.14.1 & NUREG-0133.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/31. JENS, W. Detroit Edison Co. 3pp. 27406:157. 24X Fiche: 50-341, 84/10/31, B411080663.

B411120317 Requests targeting of license preparation activities to accommodate issuance of DL by B41215 fuel load date. Necessary resources to support closure of remaining open items will be implemented.
JENS, W. H. Detroit Edison Co. 84/11/08. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27429:001. 24X Fiche: 50-341, 84/11/08, B411120317.

B411210184 Responds to NRC B41105 request for info re generation of potential finding rept resulting from annulus pressurization review question. CYGNA expects NRC & util to resolve annulus pressurization w/o addl IDVP review.
FERG, D. A. CYGNA Energy Services. 84/11/16. YOUNGBLOOD, B. J. Licensing Branch 1. COLBERT, W. F. Detroit Edison Co. 3pp. 27590:064. 24X Fiche: 50-341, 84/11/16, B411210184.

E. NRC Safety Evaluation Report (SER), suppl & correspondence

B411280241 Confirms required mod to Valve V11-2006 completed, resolving open issue identified in SSER 4 (NUREG-0798). Valve meets applicable seismic qualification criteria. Addl SGRF forms for equipment installed & qualified after audit encl.
JENS, W. H. Detroit Edison Co. 84/11/20. YOUNGBLOOD, B. J. Licensing Branch 1. 121pp. 27657:130. 24X Fiche: 50-341, 84/11/20, B411280241.

B411280276 Submits clarification of inservice testing program for pumps & valves & requests changes to be included in SSER 4.
JENS, W. H. Detroit Edison Co. 84/11/21. YOUNGBLOOD, B. J. Licensing Branch 1. 3pp. 27666:356. 24X Fiche: 50-341, 84/11/21, B411280276.

F. Security, medical, emergency & fire protection plans

B411090084 Notification of B41101 meeting w/util in Bethesda, MD to discuss applicant proposed alternate shutdown panel for fire protection.
LYNCH, M. D. Licensing Branch 1. 84/10/29. YOUNGBLOOD, B. J. Licensing Branch 1. 4pp. 27424:260. 24X Fiche: 50-341, 84/10/29, B411090084.

B411090217 Forwards FEMA B41015 ltr & final exercise evaluations on offsite emergency preparedness exercise conducted on B40626-27 for State of MI, Counties of Monroe & Wayne & Brownstown Township. No deficiencies identified.
GREGER, L. R. Region 3, Office of Director. 84/11/02. JENS, W. H. Detroit Edison Co. 2pp. 27398:032. 24X Fiche: 50-341, 84/11/02, B411090217.

B411190188 Requests Dec 1985 completion date for installation & testing of safety parameter display sys & emergency response info sys.
JENS, W. H. Detroit Edison Co. 84/11/12. YOUNGBLOOD, B. J. Licensing Branch 1. 3pp. 27555:224. 24X Fiche: 50-341, 84/11/12, B411190188.

G. Inspection reports, IE Bulletins & correspondence

B411160397 Forwards Insp Rept 50-341/84-36 on B40820-0928 & notice of violation.
SPESSARD, R. L. Region 3, Office of Director. 84/10/24. JENS, W. H. Detroit Edison Co. 2pp. 27545:263. 24X Fiche: 50-341, 84/10/24, B411160397.

--B411160400 Notice of violation from insp on B40820-0928.
SPESSARD, R. L. Region 3, Office of Director. 84/10/24. 2pp. 27545:265. 24X Fiche: 50-341, 84/10/24, B411160397.

--B411160404 Insp Rept 50-341/84-36 on B40820-0928. Violation noted: inadequate engineering evaluation & failure to maintain required emergency diesel generator start-failure logs.
DUPONT, S. G., HILLS, D. E., O'DWYER, G. Region 3, Office of Director. 84/10/27. 17pp. 27545:267. 24X Fiche: 50-341, 84/10/24, B411160397.

B410250031 IE Info Notice B4-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post B30103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, B410250031.

B411060159 Forwards final response to IE Bulletin B0-25, "Operating Problems w/Target Rock Safety Relief Valves at BWRs." Safety relief Valve pneumatic supply sys high & low pressure annunciator alarms installed in control room.
JENS, W. H. Detroit Edison Co. 84/10/29. KEPPLER, J. G. Region 3, Office of Director. 6pp. 27322:346. 24X Fiche: 50-341, 84/10/29, B411060159.

B411290118 Forwards Insp Rept 50-341/84-20 on B40801-0930 & notice of violation.
WARNICK, R. F. Region 3, Office of Director. 84/10/30. JENS, W. H. Detroit Edison Co. 2pp. 27721:300. 24X Fiche: 50-341, 84/10/30, B411290118.

--B411290123 Notice of violation from insp on B40801-0930.
WARNICK, R. F. Region 3, Office of Director. 84/10/30. 2pp. 27721:302. 24X Fiche: 50-341, 84/10/30, B411290118.

--B411290129 Insp Rept 50-341/84-20 on B40801-0930. Noncompliance noted: failure to adequately review alarm response procedures & minor deficiency logs.
KNOP, R. C. Region 3, Office of Director. 84/10/29. 30pp. 27721:304. 24X Fiche: 50-341, 84/10/30, B411290118.

B411060214 Ack receipt of B41022 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-341/83-31.
SPESSARD, R. L. Region 3, Office of Director. 84/11/01. Detroit Edison Co. 1p. 27323:342. 24X Fiche: 50-341, 84/11/01, B411060214.

--B411060225 Responds to NRC B40921 ltr re violations noted in Insp Rept 50-341/83-31. Corrective actions: QA Procedure 9.0202, "Qualification & Certification of Inspectors," issued on 831024 & review program for conducting audits established.
JENS, W. H. Detroit Edison Co. 84/10/22. KEPPLER, J. G. Region 3, Office of Director. 27pp. 27323:343. 24X Fiche: 50-341, 84/11/01, B411060214.

B411060296 Forwards comments discussed during B41031 meeting w/util re B40920 response to recommendations arising from util rept on final assessment of const. Region III will generate insp rept covering each item as stated during meeting.
WARNICK, R. F. Region 3, Office of Director. 84/11/01. JENS, W. H. Detroit Edison Co. 6pp. 27323:317. 24X Fiche: 50-341, 84/11/01, B411060296.

B411080314 Forwards clarification of NUREG-0737 items re post-accident sampling & monitoring capabilities identified in Insp Rept 50-341/84-27.
JENS, W. H. Detroit Edison Co. 84/11/01. YOUNGBLOOD, B. J. Licensing Branch 1. 7pp. 27391:054. 24X Fiche: 50-341, 84/11/01, B411080314.

B411010388 IE Info Notice B4-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, B411010388.

B411010487 IE Info Notice B4-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, B411010487.

B411190493 Forwards response to IE Bulletin B4-03, "Reactor Cavity Water Seal." All bellows seal boundaries consist of welded steel & contain no active components. Facility not susceptible to described failure.
JENS, W. H. Detroit Edison Co. 84/11/05. KEPPLER, J. G. Region 3, Office of Director. 6pp. 27552:267. 24X Fiche: 50-341, 84/11/05, B411190493.

B411120168 Ack receipt of B41026 ltr informing NRC of steps taken to correct noncompliance noted in Insp Rept 50-341/84-38.
* Region 3, Office of Director. 84/11/07. Detroit Edison Co. 1p. 27428:315. 24X Fiche: 50-341, 84/11/07, B411120168.

--B411120178 Responds to NRC B40928 ltr re noncompliance noted in Insp Rept 50-341/84-38. Corrective actions: Project Instruction PI-EF-24 issued, detailing process to be followed for implementing design info transmittal procedure.
JENS, W. H. Detroit Edison Co. 84/10/26. KEPPLER, J. G. Region 3, Office of Director. 4pp. 27428:316. 24X Fiche: 50-341, 84/11/07, B411120168.

B411060254 IE Info Notice B4-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, B411060254.

DOCKETED ITEMS

169

8411260010 Revises response to IE Bulletin 74-08, "Deficiency in ITE Molded Case Circuit Breakers, Type HE-3." Survey results verify that potential problem not applicable.
JENS, W.H. Detroit Edison Co. 84/11/14. KEPPLER, J.G. Region 3, Office of Director. 2pp. 27615:296. 24X Fiche: 50-341, 84/11/14. 8411260010.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16. 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16. 8411150072.

8411280474 Ack receipt of 840927 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-341/84-17. Conclusion that correct procedure & splicing kit used re Item 84-17-01-a does not directly respond to violation.
LITTLE, W.S. Region 3, Office of Director. 84/11/16. JENS, W.H. Detroit Edison Co. 1p. 27689:060. 24X Fiche: 50-341, 84/11/16. 8411280474.

--8411280502 Responds to NRC 840814 ltr re violations noted in Insp Rept 50-341/84-17. Corrective actions: personnel trained to apply Raychem heat shrink, fuse-size discrepancies corrected & safety instruments identified for calibr.
JENS, W.H. Detroit Edison Co. 84/09/27. KEPPLER, J.G. Region 3, Office of Director. 9pp. 27689:061. 24X Fiche: 50-341, 84/11/16. 8411280474.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19. 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411030433 Interim deficiency rept, Item 139 re defective shop weld in flued head structure. Initially reported on 840924. Sample of shop welds being ultrasonically tested. Corrective action will be based on evaluation of test results.
JENS, W.H. Detroit Edison Co. 84/10/15. KEPPLER, J.G. Region 3, Office of Director. 2pp. 27283:348. 24X Fiche: 50-341, 84/10/15. 8411030433.

8411130404 Final deficiency rept, Item 100 re unacceptable Wismer & Becker practice concerning ultrasonic testing of flued head structures. Initially reported on 830919. Deficiency not reportable per 10CFR50.55(e).
JENS, W.H. Detroit Edison Co. 84/10/17. KEPPLER, J.G. Region 3, Office of Director. 3pp. 27459:069. 24X Fiche: 50-341, 84/10/17. 8411130404.

8411130477 Interim deficiency rept, Item 129 re lack of design calculations for HVAC duct supports. Initially reported on 841001. Analysis of impact of off ctr hanger attachment in progress. Next rept will be submitted following analysis.
JENS, W.H. Detroit Edison Co. 84/10/17. KEPPLER, J.G. Region 3, Office of Director. 2pp. 27459:100. 24X Fiche: 50-341, 84/10/17. 8411130477.

8411060078 Final deficiency rept, Item 135 re deletion of welds from eight conduit support stds w/o seismic qualification review. Initially reported on 840809. Weld details revised on stds.
JENS, W.H. Detroit Edison Co. 84/10/19. KEPPLER, J.G. Region 3, Office of Director. 2pp. 27351:350. 24X Fiche: 50-341, 84/10/19. 8411060078.

8411260471 Final deficiency rept, Item 112 re poor quality of vendor connection workmanship in emergency diesel generator panels. Initially reported on 840113. Deficient wiring terminations documented on nonconformance repts reterminated.
JENS, W.H. Duquesne Light Co. 84/10/31. KEPPLER, J.G. Region 3, Office of Director. 3pp. 27645:135. 24X Fiche: 50-341, 84/10/31. 8411260471.

8411260479 Final deficiency rept, Item 79 re contaminated hydraulic fluid in hydraulic pipe snubbers. Initially reported on 821015. All affected hydraulic pipe snubbers returned to Power Piping Co for refurbishment.
JENS, W.H. Detroit Edison Co. 84/11/02. KEPPLER, J.G. Region 3, Office of Director. 2pp. 27645:079. 24X Fiche: 50-341, 84/11/02. 8411260479.

8411210270 Final amended deficiency rept, Item 76 re Limitorque switch rotor failures. Initially reported on 820731. Repairs performed per Maint Instructions MI-M070, M179, M182, M203, M272 & M187.
JENS, W.H. Detroit Edison Co. 84/11/03. KEPPLER, J.G. Region 3, Office of Director. 2pp. 27607:351. 24X Fiche: 50-341, 84/11/03. 8411210270.

8411260459 Final deficiency rept, Item 121 re water found in HPCI lube oil reservoir. Initially reported on 840330. Byron-Jackson Field Mod Request 6337 revised to provide proper piping configuration for main pump seal.
JENS, W.H. Duquesne Light Co. 84/11/05. KEPPLER, J.G. Region 3, Office of Director. 3pp. 27645:125. 24X Fiche: 50-341, 84/11/05. 8411260459.

V. Operator Examinations

8411020124 Staff requirements memo re Commission 841022 briefing in Washington, DC re status of near-term QIs & Asselstine request for info on status of operator training & operator exams.
CHILK, S.J. Office of the Secretary of the Commission. 84/10/24. DIRCKS, W.J. Office of the Executive Director for Operations. 1p. 27262:286. 24X Fiche: 50-000, 84/10/24. 8411020124.

DOCKET 50-344 TROJAN NUCLEAR PLANT

F. Security, medical, emergency & fire protection plans

8411010344 Forwards Rev 4 to security force training & qualification plan. Rev incorporates new terminology & training requirements re security data mgt sys. Rev withheld (ref 10CFR2.790).
WITHERS, B.D. Portland General Electric Co. 84/10/12. MARTIN, J.B. Region 3, Office of Director. 2pp. 27229:157. 24X Fiche: 50-344, 84/10/12. 8411010344.

8411010510 Forwards Rev 9 to security plan. Rev provides description of plan. Program changes affecting security data mgt sys being installed & accepted for operation. Rev withheld (ref 10CFR73.21).
WITHERS, B.D. Portland General Electric Co. 84/10/12. MARTIN, J.B. Region 3, Office of Director. 2pp. 27229:131. 24X Fiche: 50-344, 84/10/12. 8411010510.

8411130688 Extends deadline to Fourth Quarter 1985 for implementation of upgraded emergency operating procedures required by Suppl 1 to NUREG-0737.
EISENHUT, D.G. Division of Licensing. 84/10/15. WITHERS, B.D. Portland General Electric Co. 2pp. 27463:338. 24X Fiche: 50-344, 84/10/15. 8411130688.

8411140424 Forwards Amend 96 to License NPF-1 & safety evaluation. Amend corrects height of meteorological instruments on tower & revises necessary remote shutdown instrumentation.
TRAMMELL, C.M. Operating Reactors Branch 3. 84/10/24. WITHERS, B.D. Portland General Electric Co. 2pp. 27524:341. 24X Fiche: 50-344, 84/10/24. 8411140424.

--8411140438 Amend 96 to License NPF-1, revising Tech Specs re remote shutdown instrumentation & correcting height of instruments on meteorological tower.
MILLER, J.R. Operating Reactors Branch 3. 84/10/24. 7pp. 27524:343. 24X Fiche: 50-344, 84/10/24. 8411140424.

8411090276 Revised radiological emergency response plan implementing procedures, including EP-29.2 re use of SUBIN computer code & EP-29.3 use of INGEST computer code.
PUZEY, A.M. Portland General Electric Co. 84/10/26. 18pp. 27401:083. 24X Fiche: 50-344, 84/10/26. 8411090276.

8411060461 Forwards License Change Application 112 to License NPF-1, reflecting termination of license conditions re US/IAEA safeguards agreement.
WITHERS, B.D. Portland General Electric Co. 84/11/02. MILLER, J.R. Operating Reactors Branch 3. 1p. 27312:253. 24X Fiche: 50-344, 84/11/02. 8411060461.

--8411060466 Application for amend to License NPF-1 consisting of License Change Application 112, reflecting termination of license conditions re US/IAEA safeguards agreement.
Portland General Electric Co. 84/11/02. 2pp. 27312:254. 24X Fiche: 50-344, 84/11/02. 8411060461.

8411200123 Forwards request for addl info re safety parameter display sys, per review of 830415 ltr. Response within 60 days requested.
MILLER, J.R. Operating Reactors Branch 3. 84/11/06. WITHERS, B.D. Portland General Electric Co. 4pp. 27598:011. 24X Fiche: 50-344, 84/11/06. 8411200123.

DOCKETED ITEMS

8411290343 Rev 5 to Radiological Emergency Response Plan Implementing Procedure EP-10. "Accident Dose Assessment Work Sheet Method."
 REED, K. Portland General Electric Co. 84/11/09. 3pp. 27677:233.
 24X Fiche: 50-344, 84/11/09, 8411290343.

8411260176 Revised radiological emergency response plan implementing procedures, including table of contents & EP-10 re accident dose assessment work sheet method.
 PUZEY, A.M. Portland General Electric Co. 84/11/16. 50pp.
 27609:128. 24X Fiche: 50-344, 84/11/16, 8411260176.

G. Adjudicatory correspondence

8411060591 Forwards Portland General Electric Co proposed findings of fact & conclusions of law in form of initial decision, per ASLB 841012 order & 10CFR2.754. W/o encl. Related correspondence.
 GOLDBERG, S.C. Neuman & Holtzinger. #484 965. 84/10/29. HOYT, H.F., MORRIS, P.A., PARIS, D.H. Atomic Safety and Licensing Board Panel.
 1p. 27326:303. 24X Fiche: 50-344, 84/10/29, 8411060591.

8411090260 Proposed findings of fact & conclusions of law in form of initial decision. Certificate of Svc encl.
 * Pacific Gas & Electric Co. #484 964. 84/10/29. 38pp.
 27399:257. 24X Fiche: 50-344, 84/10/29, 8411090260.

8411090294 Informs that State of OR accepts, by ref, proposed findings of fact & conclusions of law filed by Portland General Electric on 841029 re spent fuel pool amend.
 PERRY, W. Justice. Dept. of. #484 024. 84/11/06. HOYT, H.F., PARIS, D.H., MORRIS, P.A. Atomic Safety and Licensing Board Panel.
 1p. 27401:043. 24X Fiche: 50-344, 84/11/06, 8411090294.

8411150340 Proposed findings of fact & conclusions of law in form of initial decision re increase in storage capacity of spent fuel pool. Certificate of Svc encl.
 YOUNG, M.A. Hearing Branch 4. #484 142. 84/11/13. 4pp. 27528:157.
 24X Fiche: 50-344, 84/11/13, 8411150340.

8411150225 Ack receipt of proposed findings of fact & conclusions of law filed by State of OR & NRC on 841106 & 13, respectively. State of OR adopts until proposed findings. No response necessary. Certificate of Svc encl.
 GOLDBERG, S.C. Neuman & Holtzinger. GOLDBERG, S.C. Portland General Electric Co. #484 150. 84/11/14. HOYT, H.F., MORRIS, P.A., PARIS, D.H. Atomic Safety and Licensing Board Panel. 2pp.
 27528:163. 24X Fiche: 50-344, 84/11/14, 8411150225.

P. Operating license stage documents & correspondence

8411290254 FOIA request for documents re four categories of info concerning subduction zones & low angle thrust faults in Pacific Northwest which could affect facilities.
 BELL, N. Nuclear Information & Resource Service. 84/04/11. Office of Administration. 2pp. 27698:237. 24X Fiche: 50-000, 84/04/11, 8411290254.

8411290263 Responds to FOIA request for four categories of documents re subduction zones & low angle thrust faults affecting facilities. Forwards App A documents, App A & B documents in PDR. App C document withheld (ref FOIA Exemption 5).
 FELTON, J.M. Division of Rules and Records. 84/06/01. BELL, N. Nuclear Information & Resource Service. 5pp. 27698:239. 24X Fiche: 50-000, 84/06/01, 8411290263.

8401300162 Discusses presentations at American Geophysical Union 831212-16 meetings re potential for earthquake on interface of Juan de Fuca Plate in Pacific Northwest. Addl info re current research activities encl.
 KNIGHT, J.P. Assistant Director for Comp. & Structures Engineering (Post 830201). 84/01/20. LAINAS, G.C. Assistant Director for Operating Reactors. 2pp. 27698:263. 24X Fiche: 50-344, 84/06/01, 8411290263.

8402150558 Summarizes 840203 meeting w/Geosciences Branch re spent fuel pool rerack request & Juan de Fuca plate subduction issue. Geosciences will provide input addressing acceptability of reracking unit despite plate issue.
 LAINAS, G.C. Assistant Director for Operating Reactors. 84/02/09. KNIGHT, J.P. Assistant Director for Comp. & Structures Engineering (Post 830201). 1p. 27698:265. 24X Fiche: 50-000, 84/06/01, 8411290263.

8402290448 Forwards Geosciences Branch SER addressing acceptability of fuel pool rerack in light of ongoing investigations into seismic potential of subducting Juan de Fuca plate, per 840209 request. Alteration of seismic design unnecessary.
 KNIGHT, J.P. Assistant Director for Comp. & Structures Engineering (Post 830201). 84/02/22. LAINAS, G.C. Assistant Director for Operating Reactors. 4pp. 27698:266. 24X Fiche: 50-000, 84/06/01, 8411290263.

841140084 Forwards Amend 95 to License NPF-1 & safety evaluation. Amend revises required min vol of boric acid for boric acid storage tanks.
 TRAMMELL, C.M. Operating Reactors Branch 3. 84/10/11. WITHERS, B.D. Portland General Electric Co. 1p. 27525:341. 24X Fiche: 50-344, 84/10/11, 841140084.

841140089 Amend 95 to License NPF-1, revising Tech Specs re required min vol of boric acid for boric acid storage tanks.
 MILLER, J.R. Operating Reactors Branch 3. 84/10/11. 7pp.
 27525:342. 24X Fiche: 50-344, 84/10/11, 841140084.

841140092 Safety evaluation supporting Amend 95 to License NPF-1.
 * Office of Nuclear Reactor Regulation, Director. 84/10/11. 2pp.
 27525:349. 24X Fiche: 50-344, 84/10/11, 841140084.

841140424 Forwards Amend 96 to License NPF-1 & safety evaluation. Amend corrects height of meteorological instruments on tower & revises necessary remote shutdown instrumentation.
 TRAMMELL, C.M. Operating Reactors Branch 3. 84/10/24. WITHERS, B.D. Portland General Electric Co. 2pp. 27524:341. 24X Fiche: 50-344, 84/10/24, 841140424.

841140438 Amend 96 to License NPF-1, revising Tech Specs re remote shutdown instrumentation & correcting height of instruments on meteorological tower.
 MILLER, J.R. Operating Reactors Branch 3. 84/10/24. 7pp.
 27524:343. 24X Fiche: 50-344, 84/10/24, 841140424.

841140442 Safety evaluation supporting Amend 96 to License NPF-1.
 * Office of Nuclear Reactor Regulation, Director. 84/10/24. 2pp.
 27524:350. 24X Fiche: 50-344, 84/10/24, 841140424.

8411200456 Forwards Amend 97 to License NPF-1 & safety evaluation. Amend revises Tech Specs to conform to revised 10CFR50.72 & 10CFR50.73 & adds requirement to rept challenges & failures of relief & safety valves.
 TRAMMELL, C.M. Operating Reactors Branch 3. 84/10/30. WITHERS, B.D. Portland General Electric Co. 1p. 27597:159. 24X Fiche: 50-344, 84/10/30, 8411200456.

8411200459 Amend 97 to License NPF-1, revising Tech Specs to conform to revised 10CFR50.72 & 10CFR50.73 & adding requirement to rept challenges & failures of pressurizer power operated relief & safety valves.
 MILLER, J.R. Operating Reactors Branch 3. 84/10/30. 38pp.
 27597:160. 24X Fiche: 50-344, 84/10/30, 8411200456.

8411200463 Safety evaluation supporting Amend 97 to License NPF-1.
 * Office of Nuclear Reactor Regulation, Director. 84/10/30. 2pp.
 27597:198. 24X Fiche: 50-344, 84/10/30, 8411200456.

8411060094 Responds to 840702 Generic Ltr 84-15 re diesel generator reliability. Emergency diesel generators not subj to cold fast starts. Maint & reliability engineering program to be implemented by Dec 1985. Reliability data encl.
 WITHERS, B.D. Portland General Electric Co. 84/11/02. EISENHUT, D.G. Division of Licensing. 17pp. 27324:096. 24X Fiche: 50-344, 84/11/02, 8411060094.

8411060461 Forwards License Change Application 112 to License NPF-1, reflecting termination of license conditions re US/IAEA safeguards agreement.
 WITHERS, B.D. Portland General Electric Co. 84/11/02. MILLER, J.R. Operating Reactors Branch 3. 1p. 27312:253. 24X Fiche: 50-344, 84/11/02, 8411060461.

8411060466 Application for amend to License NPF-1 consisting of License Change Application 112, reflecting termination of license conditions re US/IAEA safeguards agreement.
 * Portland General Electric Co. 84/11/02. 2pp. 27312:254. 24X Fiche: 50-344, 84/11/02, 8411060461.

8411200097 Forwards list of long-term corrective actions in area of plant operation & maint & schedule for completion. Recent events have demonstrated need to strengthen several functional areas.
 WITHERS, B.D. Portland General Electric Co. 84/11/02. MARTIN, J.B. Region 5. Office of Director. FRANK, L. Oregon, State of. 7pp.
 27578:140. 24X Fiche: 50-344, 84/11/02, 8411200097.

841120292 Forwards response to Generic Ltr 84-15 re diesel generator reliability replacing 841102 submittal in entirety. Util expects to have maint & reliability engineering program implemented by Dec 1985.
 WITHERS, B.D. Portland General Electric Co. 84/11/06. EISENHUT, D.G. Division of Licensing. 17pp. 27426:203. 24X Fiche: 50-344, 84/11/06, 841120292.

DOCKETED ITEMS

171

G. Inspection reports, IE Bulletins & correspondence

8411030208 Forwards Insp Rept 50-344/84-21 on 840807-0907. No violations noted.
BISHOP, T.W. Region 5, Office of Director. 84/10/15. WITHERS, B.D.
Portland General Electric Co. Ip. 27308:305. 24X
Fiche: 50-344, 84/10/15, 8411030208.

--8411030216 Insp Rept 50-344/84-21 on 840807-0907. No violations noted.
Major areas inspected: operational safety verification,
followup on previous insp items, refueling activities, plant
mod work & repair activities.
RICHARDS, S.A., JOHNSTON, G.W., DODDS, R.T. Region 5, Office of
Director. 84/10/14. 11pp. 27308:306. 24X Fiche: 50-344, 84/10/15,
8411030208.

8411090368 Forwards Insp Rept 50-344/84-28 on 840911-19. No violations
noted.
WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/19.
WITHERS, B.D. Portland General Electric Co. Ip. 27416:345. 24X
Fiche: 50-344, 84/10/19, 8411090368.

--8411090373 Insp Rept 50-344/84-28 on 840911-19. No noncompliance noted.
Major areas inspected: chemical & radiochemical procedures &
practices, QA programs & split sample measurement
verification effort.
HAMADA, G.H., YUHAS, G. Region 5, Office of Director. 84/10/19.
6pp. 27416:346. 24X Fiche: 50-344, 84/10/19, 8411090368.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit
(AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post
830103). 84/10/26. Consolidated Edison Co. of New York, Inc.
84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411280001 Forwards Insp Rept 50-344/84-29 on 840920-1009 & notice of
violation.
KIRSCH, D.F. Region 5, Office of Director. 84/10/30. WITHERS, B.D.
Portland General Electric Co. 2pp. 27687:277. 24X
Fiche: 50-344, 84/10/30, 8411280001.

--8411280003 Notice of violation from insp on 840920-1009.
DODDS, R.T. Region 5, Office of Director. 84/10/30. 2pp.
27687:279. 24X Fiche: 50-344, 84/10/30, 8411280001.

--8411280006 Insp Rept 50-344/84-29 on 840920-1009. Violation noted:
failure to control time delay relays & failure to disable
emergency diesel generator crankcase pressure trips on
automatic starts.
CREWS, J.L., JOHNSON, A.D., RICHARDS, S.A. Region 5, Office of
Director. 84/10/29. 12pp. 27687:281. 24X Fiche: 50-344, 84/10/30,
8411280001.

8411210180 Forwards Insp Rept 50-344/84-33 on 841016-19. No violations
noted. Assessment of adequacy of NRC review & approval of
physics test data in light of core mods & changes in fuel
design requested within 30 days.
KIRSCH, D.F. Division of Resident Reactor Project & Engineering
Programs. 84/10/31. WITHERS, B.D. Portland General Electric Co.
2pp. 27606:063. 24X Fiche: 50-344, 84/10/31, 8411210180.

--8411210187 Insp Rept 50-344/84-33 on 841016-19. No violations noted.
Major areas inspected: requalification training program,
startup testing refueling procedures & cold weather
preparation program.
PEREIRA, D.B., DODDS, R.T. Region 5, Office of Director. 84/10/30.
4pp. 27606:065. 24X Fiche: 50-344, 84/10/31, 8411210180.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May
Adversely Affect Operation of Essential Electrical
Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/02. Consolidated Edison Co. of New
York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam
Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/05. Consolidated Edison Co. of New
York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure
of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/08. Consolidated Edison Co. of New
York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary
Coolant Inventory in BWRs During Shutdown & Startup."
Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New
York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl
Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New
York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation
Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/19. Consolidated Edison Co. of New
York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

841150330 Monthly operating rept for Sept 1984. W/841011 ltr.
WILDFONG, L.A., YUNDT, C.P. Portland General Electric Co. 84/09/30.
9pp. 27529:001. 24X Fiche: 50-344, 84/09/30, 841150330.

S. Reportable occurrences, LERs & related correspondence

8411030546 Summarizes NRR 840922-24 review of licensee commitments to
resolve 840920 intermediate range flux trip, turbine trip &
spurious steam injection. Startup procedures revised.
TRAHMEL, C.M. Operating Reactors Branch 3. 84/10/22. LAINAS, G.C.
Assistant Director for Operating Reactors. 3pp. 27289:265. 24X
Fiche: 50-344, 84/10/22, 8411030546.

8411050383 Special Rept: updating 840607 rept re degraded fire dampers
FD-50 & FD-64. Design Change RDC 83-060 issued to repair
FD-64 in Spring 1985. Replacement damper for FD-50 being
located & installation expected by 850301.
YUNDT, C.P. Portland General Electric Co. 84/10/24. MARTIN, J.B.
Region 5, Office of Director. Ip. 27297:119. 24X
Fiche: 50-344, 84/10/24, 8411050383.

8411060495 LER 84-017-00: on 840926, reseating of main steam safety
valve delayed & reactor trip occurred during low suction
pressure on operating main feedwater pump. Caused by cracked
boudon tube in suction pressure transmitter. W/841024 ltr.
BAIR, O.G., YUNDT, C.P. Portland General Electric Co. 84/10/24. 5pp.
27352:301. 24X Fiche: 50-344, 84/10/24, 8411060495.

8411140348 RD: on 841002-19, diesel-driven fire pump removed from svc
due to underwater diving activities in intake structure
area. Truck-mounted pump onsite to provide water.
YUNDT, C.P. Portland General Electric Co. 84/11/02. MARTIN, J.B.
Region 5, Office of Director. Ip. 27467:247. 24X
Fiche: 50-344, 84/11/02, 8411140348.

8411190324 LER 84-018-00: on 841018, reactor trip occurred due to
accidental deenergization of H1.12.47 KV non-ESF bus. Caused
by transferring plant loads to startup transformer. Bus H1
reenergized. W/841107 ltr.
BAIR, O.G., YUNDT, C.P. Portland General Electric Co. 84/11/07. 3pp.
27567:248. 24X Fiche: 50-344, 84/11/07, 8411190324.

8411270416 LER 84-020-00: on 841015, reactor trip occurred. Caused by
lo-lo level in steam generator B. Techniques of manually
controlling steam generator levels reviewed. W/841116 ltr.
BAIR, O.G., YUNDT, C.P. Portland General Electric Co. 84/11/16. 3pp.
27674:288. 24X Fiche: 50-344, 84/11/16, 8411270416.

V. Operator Examinations

8411030369 Requests training lesson plans & procedures re response to
seismic events which require operator actions within 1
month. Info will be used in Human Factors Research Project on
potential effects of seismic events on operator performance.
MILLER, J.R. Operating Reactors Branch 3. 84/10/22. WITHERS, B.D.
Portland General Electric Co. Ip. 27289:353. 24X
Fiche: 50-344, 84/10/22, 8411030369.

8411210180 Forwards Insp Rept 50-344/84-33 on 841016-19. No violations
noted. Assessment of adequacy of NRC review & approval of
physics test data in light of core mods & changes in fuel
design requested within 30 days.
KIRSCH, D.F. Division of Resident Reactor Project & Engineering
Programs. 84/10/31. WITHERS, B.D. Portland General Electric Co.
2pp. 27606:063. 24X Fiche: 50-344, 84/10/31, 8411210180.

DOCKETED ITEMS

--8411210187 Insp Rept 50-344/84-33 on 841016-19. No violations noted. Major areas inspected: requalification training program, startup testing refueling procedures & cold weather preparation program.
PEREIRA, D.B., DODDS, R.T. Region 3, Office of Director. 84/10/30. 4pp. 27606:065. 24X Fiche: 50-344, 84/10/31, 8411210180.

DOCKET 50-346 DAVIS-BESSE NUCLEAR POWER STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411190355 Forwards Insp Rept 50-346/84-24 on 841001-05. No noncompliance noted.
GREGER, L.R. Region 3, Office of Director. 84/10/30. CROUSE, R.P. Toledo Edison Co. 2pp. 27567:275. 24X Fiche: 50-346, 84/10/30, 8411190355.

--8411190365 Insp Rept 50-346/84-24 on 841001-05. No violations noted. Major areas inspected: radiation protection program during refueling & maint activities; internal & external exposure control & contamination control.
NICHOLSON, N.A., GRANT, W.B., MILLER, D.E. Region 3, Office of Director. 84/10/30. 8pp. 27567:277. 24X Fiche: 50-346, 84/10/30, 8411190355.

8411090237 Ack receipt of 841011 ltr transmitting corporate radiological emergency response plan. Plan consistent w/requirements of 10CFR50.54(q) & acceptable.
GREGER, L.R. Region 3, Office of Director. 84/11/02. CROUSE, R.P. Toledo Edison Co. 2pp. 27398:144. 24X Fiche: 50-346, 84/11/02, 8411090237.

8411140197 Revised emergency plan implementing procedures, including EI 1300.02 re unusual event, EI 1300.11 re recovery & EI 1300.12 re administrative controls.
REED, G.J., WELLS, C.E. Toledo Edison Co. 84/11/02. 20pp. 27466:081. 24X Fiche: 50-346, 84/11/02, 8411140197.

8411130366 Ack receipt of 841031 ltr informing NRC of steps taken to correct exercise weaknesses cited in Insp Rept 50-346/84-14.
GREGER, L.R. Region 3, Office of Director. 84/11/07. CROUSE, R.P. Toledo Edison Co. 1p. 27439:015. 24X Fiche: 50-346, 84/11/07, 8411130366.

--8411130376 Responds to NRC 840827 ltr re exercise weaknesses noted in Insp Rept 50-346/84-14. Corrective actions: in-house review of exercise scenario will be provided prior to submittal to NRC & radiation testing lab activation procedure revised.
CROUSE, R.P. Toledo Edison Co. 84/10/31. KEPPLER, J.O. Region 3, Office of Director. 9pp. 27439:016. 24X Fiche: 50-346, 84/11/07, 8411130366.

8411140346 Rev 229 to emergency plan supporting procedures rev index & Rev O to Administrative Memo 22-0 re emergency organization positions.
* Toledo Edison Co. 84/11/08. 7pp. 27467:341. 24X Fiche: 50-346, 84/11/08, 8411140346.

8411210133 Revised emergency plan implementing procedures, including EI 1300.00 re station response to emergencies, EI 1300.03 re alert, EI 1300.04 re site area emergency & EI 1300.05 re general emergency.
* Toledo Edison Co. 84/11/14. 72pp. 27590:298. 24X Fiche: 50-346, 84/11/14, 8411210133.

8411290370 Revised emergency plan supporting procedures, including rev index, AD 1827.12 re protective action guidelines & AD 1850.08 re emergency technical assessment.
* Toledo Edison Co. 84/11/20. Office of Nuclear Reactor Regulation, Director. 52pp. 27676:006. 24X Fiche: 50-346, 84/11/20, 8411290370.

8411270341 Forwards Insp Rept 50-346/84-15 on 840611-0727 & notice of violation & proposed imposition of civil penalty. Corrective actions re licensee recognition of design basis requirements for safety-related sys ineffective.
KEPPLER, J.O. Region 3, Office of Director. 84/11/21. WILLIAMSON, J.P. Toledo Edison Co. 4pp. 27631:147. 24X Fiche: 50-346, 84/11/21, 8411270341.

--8411270344 Notice of violation & proposed imposition of civil penalties in amount of \$90,000. Violation noted: failure of program to verify operability of control room emergency ventilation sys control switches.
KEPPLER, J.O. Region 3, Office of Director. 84/11/21. 4pp. 27631:151. 24X Fiche: 50-346, 84/11/21, 8411270341.

8411290362 Revised emergency plan implementing procedures, including EI 1300.01 re emergency plan activation, EI 1300.06 re operations support ctr activation & EI 1300.07 re technical support ctr activation.
* Toledo Edison Co. 84/11/30. 75pp. 27677:118. 24X Fiche: 50-346, 84/11/30, 8411290362.

I. Financial information

8411260606 Advises of completion of review of financial info submitted for 1984. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. MAUGANS, E.H. Cleveland Electric Illuminating Co. 1p. 27645:344. 24X Fiche: 50-000, 84/11/16, 8411260606.

P. Operating license stage documents & correspondence

8411260104 Discusses IE review of RCS leak rate testing, to resolve recent questions re focus of review. IE investigating actual leak rate during 1978 & techniques used to calculate unidentified leakage.
BAER, R.L. Emergency Preparedness Branch. 84/03/06. CHRISTOPHER, R. Office of Investigation. 2pp. 27653:085. 24X Fiche: 50-000, 84/03/06, 8411260104.

8411130156 Forwards State of OH EPA permit to install source for mod to treatment of water plant regeneration wastewater, per 841015 application. Permit fee required within 15 days of effective date of permit.
KEPPLER, S.J. Ohio, State of. 84/10/25. Toledo Edison Co. 10pp. 27460:116. 24X Fiche: 50-346, 84/10/25, 8411130156.

8411130283 Forwards "Control of Heavy Loads (C-10), Davis-Besse Nuclear Power Station Unit 1," technical evaluation rept & SER.
STOLZ, J.F. Operating Reactors Branch 4. 84/10/29. CROUSE, R.P. Toledo Edison Co. 1p. 27472:081. 24X Fiche: 50-346, 84/10/29, 8411130283.

--8411130289 Safety evaluation re control of heavy loads-Phase I. Guidelines satisfied.
* Office of Nuclear Reactor Regulation, Director. 84/10/29. 2pp. 27472:083. 24X Fiche: 50-346, 84/10/29, 8411130283.

--8410090384 "Control of Heavy Loads (C-10), Davis-Besse Nuclear Power Station Unit 1," technical evaluation rept.
BOMBERGER, C. Franklin Institute/Franklin Research Center. NRC-03-81-130. TER-C5906-348. 84/09/24. SINGH, A. NRC - No Detailed Affiliation Given. 30pp. 27472:085. 24X Fiche: 50-346, 84/10/29, 8411130283.

8411050106 Forwards proposed 1985 implementation schedule. Encl info & 841011 meeting should be sufficient to support license amend approval by 850101.
CROUSE, R.P. Toledo Edison Co. 84/10/30. STOLZ, J.F. Operating Reactors Branch 4. 5pp. 27302:352. 24X Fiche: 50-346, 84/10/30, 8411050106.

8411120277 Forwards application for amend to License NPF-3, revising Tech Spec Section 3.11.2.5. Amend corrects hydrogen concentration from 2% to 4% in Action Statement b.
CROUSE, R.P. Toledo Edison Co. 84/11/01. STOLZ, J.F. Operating Reactors Branch 4. 1p. 27426:086. 24X Fiche: 50-346, 84/11/01, 8411120277.

--8411120284 Application for amend to License NPF-3, revising Tech Spec Section 3.11.2.5 by correcting hydrogen concentration from 2% to 4% in Action Statement b. Safety evaluation & significant hazard consideration encl.
MURRAY, T.D., CROUSE, R.P. Toledo Edison Co. 84/11/01. 4pp. 27426:087. 24X Fiche: 50-346, 84/11/01, 8411120277.

--8411120290 Proposed Tech Spec changes, correcting hydrogen concentration from 2% to 4% in Action Statement b of Section 3.11.2.5.
* Toledo Edison Co. 84/11/01. 1p. 27426:091. 24X Fiche: 50-346, 84/11/01, 8411120277.

8411120224 Forwards application for amend to License NPF-3. Amend changes Tech Specs to delete auxiliary feed pump turbine inlet steam pressure interlock. Fee paid.
CROUSE, R.P. Toledo Edison Co. 84/11/05. STOLZ, J.F. Operating Reactors Branch 4. 1p. 27429:351. 24X Fiche: 50-346, 84/11/05, 8411120224.

--8411120229 Application for amend to License NPF-3, revising Tech Specs to delete requirement for auxiliary feed pump turbine inlet steam pressure interlock.
CROUSE, R.P. Toledo Edison Co. 84/11/05. 6pp. 27429:352. 24X Fiche: 50-346, 84/11/05, 8411120224.

--8411120234 Proposed Tech Spec deleting requirement for auxiliary feed pump turbine inlet steam pressure interlock.
* Toledo Edison Co. 84/11/05. 1p. 27429:358. 24X
Fiche: 50-346, 84/11/05. 8411120224.

8411150015 Provides revised submittal dates for requests for amendments to License NPF-3, changing Tech Specs. Info re high point vents & purge & vent sys will be provided by 841130. Snubber info will be provided by 841231.
CROUSE, R. P. Toledo Edison Co. 84/11/05. STOLZ, J. F. Operating Reactors Branch 4. 1p. 27504:249. 24X Fiche: 50-346, 84/11/05. 8411150015.

8411150089 Provides status of util response to Generic Ltr 81-21, "Natural Circulation Cutdown." Util endorsement of B&W Owners Analysis Subcommittee generic position forthcoming, pending completion of position & talks w/NRC.
CROUSE, R. P. Toledo Edison Co. 84/11/05. STOLZ, J. F. Operating Reactors Branch 4. 1p. 27499:359. 24X Fiche: 50-346, 84/11/05. 8411150089.

8411160117 Requests fee for 841010 application for amend to License NPF-3, requesting extension of deadline date for environ qualification of certain electrical equipment.
DIGGS, R. M. License Fee Management Branch. 84/11/06. CROUSE, R. P. Toledo Edison Co. 1p. 27565:355. 24X Fiche: 50-346, 84/11/06. 8411160117.

8411160227 Advises that 841012 change to nuclear QA program approved for implementation. Change represented reduction in commitments re storage of calibr records in fire-rated cabinets.
SPESBARD, R. L. Region 3, Office of Director. 84/11/09. CROUSE, R. P. Toledo Edison Co. 1p. 27540:190. 24X Fiche: 50-346, 84/11/09. 8411160227.

8411160104 Forwards application to amend License NPF-3, allowing startup & operation utilizing current startup feedwater pump configuration.
CROUSE, R. P. Toledo Edison Co. 84/11/12. STOLZ, J. F. Operating Reactors Branch 4. 1p. 27543:189. 24X Fiche: 50-346, 84/11/12. 8411160104.

--8411160113 Application to amend License NPF-3, allowing startup & operation utilizing current startup feedwater pump configuration. SER & significant hazards consideration encl.
DAFT, C. T., CROUSE, R. P. Toledo Edison Co. 84/11/12. 10pp. 27543:190. 24X Fiche: 50-346, 84/11/12. 8411160104.

8411270408 Forwards general sys description & flow diagram of proposed startup feedwater pump which would also serve as diverse powered third auxiliary feedwater sys, per 840919 meeting. Proposed pump will provide improved flexibility.
CROUSE, R. P. Toledo Edison Co. 84/11/21. STOLZ, J. F. Operating Reactors Branch 4. 3pp. 27628:204. 24X Fiche: 50-346, 84/11/21. 8411270408.

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26. 8410250031.

8411060344 Discusses 841002 meeting re regulatory improvements at facility. NRC will work w/util to obtain commitment dates for carrying out action items developed as part of performance enhancement program.
KEPPLER, J. G. Region 3, Office of Director. 84/10/30. JOHNSON, W. Toledo Edison Co. 2pp. 27321:136. 24X Fiche: 50-346, 84/10/30. 8411060344.

8411190355 Forwards Insp Rept 50-346/84-24 on 841001-05. No noncompliance noted.
GREGOR, L. R. Region 3, Office of Director. 84/10/30. CROUSE, R. P. Toledo Edison Co. 2pp. 27567:275. 24X Fiche: 50-346, 84/10/30. 8411190355.

--8411190365 Insp Rept 50-346/84-24 on 841001-05. No violations noted. Major areas inspected: radiation protection program during refueling & maint activities, internal & external exposure control & contamination control.
NICHOLSON, N. A., GRANT, W. B., MILLER, D. E. Region 3, Office of Director. 84/10/30. 8pp. 27567:277. 24X Fiche: 50-346, 84/10/30. 8411190365.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02. 8411010388.

8411060357 Ack receipt of 841022 ltr informing NRC of steps taken in response to 810129 immediate action ltr. Based on util ltr & NRC observations, as documented in Insp Rept 50-346/84-23, penetration testing program may be discontinued.
KEPPLER, J. G. Region 3, Office of Director. 84/11/02. CROUSE, R. P. Toledo Edison Co. 1p. 27321:133. 24X Fiche: 50-346, 84/11/02. 8411060357.

--8411060369 Responds to NRC 810129 immediate action ltr re water found in containment electrical penetrations. Corrective actions: cryogenic nitrogen sys disconnected & replaced by nitrogen bottle. Discontinuation of testing program requested.
CROUSE, R. P. Toledo Edison Co. 84/10/22. KEPPLER, J. G. Region 3, Office of Director. 2pp. 27321:134. 24X Fiche: 50-346, 84/11/02. 8411060357.

8411210423 Forwards Insp Rept 50-346/84-20 on 840828-1001 & notice of violation.
SHAFFER, M. D. Region 3, Office of Director. 84/11/02. CROUSE, R. P. Toledo Edison Co. 2pp. 27607:171. 24X Fiche: 50-346, 84/11/02. 8411210423.

--8411210427 Notice of violation from insp on 840828-1001.
SHAFFER, M. D. Region 3, Office of Director. 84/11/02. 2pp. 27607:173. 24X Fiche: 50-346, 84/11/02. 8411210423.

--8411210432 Insp Rept 50-346/84-20 on 840828-1001. Noncompliance noted: inoperability of control room Emergency Ventilation Sys 2 freon compressor not reported to shift supervisor & deviation rept not generated.
JACKIN, I. N. Region 3, Office of Director. 84/11/02. 8pp. 27607:175. 24X Fiche: 50-346, 84/11/02. 8411210423.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05. 8411010487.

8411130366 Ack receipt of 841031 ltr informing NRC of steps taken to correct exercise weaknesses cited in Insp Rept 50-346/84-14.
GREGOR, L. R. Region 3, Office of Director. 84/11/07. CROUSE, R. P. Toledo Edison Co. 1p. 27439:015. 24X Fiche: 50-346, 84/11/07. 8411130366.

--8411130376 Responds to NRC 840827 ltr re exercise weaknesses noted in Insp Rept 50-346/84-14. Corrective actions: in-house review of exercise scenario will be provided prior to submittal to NRC & radiation testing lab activation procedure revised.
CROUSE, R. P. Toledo Edison Co. 84/10/31. KEPPLER, J. G. Region 3, Office of Director. 9pp. 27439:016. 24X Fiche: 50-346, 84/11/07. 8411130366.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08. 8411060254.

8411260208 EN-84-066: on 841121, notice of violation & proposed imposition of civil penalty in amount of \$90,000 will be issued. Violations based on inability to recognize design basis & Tech Spec requirements for equipment operability.
BEACH, B., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/15. 1p. 27616:020. 24X Fiche: 50-346, 84/11/15. 8411260208.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16. 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16. 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19. 8411150054.

8411270341 Forwards Insp Rept 50-346/84-15 on 840611-0727 & notice of violation & proposed imposition of civil penalty. Corrective actions re licensee recognition of design basis requirements for safety-related sys ineffective.
KEPPLER, J. G. Region 3, Office of Director. 84/11/21. WILLIAMSON, J. P. Toledo Edison Co. 4pp. 27631:147. 24X Fiche: 50-346, 84/11/21. 8411270341.

DOCKETED ITEMS

--8411270344 Notice of violation & proposed imposition of civil penalties in amount of \$90,000. Violation noted: failure of program to verify operability of control room emergency ventilation sys control switches.
KEPPLER, J. G. Region 3, Office of Director. 84/11/21. 4pp.
27631:151. 24X Fiche: 50-346, 84/11/21, 8411270341.

R. Periodic operating reports & related correspondence

8411150323 Monthly operating rept for Sept 1984. W/841010 1tr.
SARSOUR, B. M., GUENNOZ, S. M. Toledo Edison Co. 84/09/30. HALLER, N. Office of Resource Management, Director. 10pp. 27544:180. 24X
Fiche: 50-346, 84/09/30, 8411150323.

8411200559 "Discharge Monitoring Rept for Oct 1984." W/841109 1tr.
GUENNOZ, S. M. Toledo Edison Co. 84/10/31. 10pp. 27586:126. 24X
Fiche: 50-346, 84/10/31, 8411200559.

8411200562 "Wastewater Rept for Oct 1984." W/841109 1tr.
GUENNOZ, S. M. Toledo Edison Co. 84/10/31. 9pp. 27586:067. 24X
Fiche: 50-346, 84/10/31, 8411200562.

8411280393 Forwards corrected Page 3. Outfall 003 for Oct 1984 wastewater rept. Monthly average, max & min results for total nonfilterable residue inadvertently omitted from original submittal.
GUENNOZ, S. M. Toledo Edison Co. 84/11/13. Ohio, State of. 1p.
27689:152. 24X Fiche: 50-346, 84/11/13, 8411280393.

--8411280397 Corrected Page 3 to monthly wastewater rept for Oct 1984.
GUENNOZ, S. M. Toledo Edison Co. 84/10/31. 1p. 27689:153. 24X
Fiche: 50-346, 84/11/13, 8411280393.

S. Reportable occurrences, LERs & related correspondence

8411050107 Forwards Engineering Evaluation Rept AEOE/E424. "Failure of Anchor Bolt on Diesel Generator Day Tank."
HSU, C. Reactor Operations Analysis Branch. 84/10/01. SEYFRIT, K. V. Reactor Operations Analysis Branch. 1p. 27325:230. 24X
Fiche: 50-346, 84/10/01, 8411050107.

--8411050111 "Failure of Anchor Bolt on Diesel Generator Day Tank."
HSU, C. Reactor Operations Analysis Branch. 84/10/01. 6pp.
27325:231. 24X Fiche: 50-346, 84/10/01, 8411050107.

8411030716 LER 84-015-00: on 840921, containment isolation valves SA2010, CV5005, CC1411B & CF1541 found w/leakage in excess of Tech Specs. Cause under investigation. Valves to be repaired.
W/841019 1tr.
MISSIG, D. E., GUENNOZ, S. M. Toledo Edison Co. 84/10/19. 5pp.
27281:025. 24X Fiche: 50-346, 84/10/19, 8411030716.

8411260011 LER 84-014-00: on 840921, four containment isolation valves found w/leakage in excess of Tech Specs. Maint work orders to investigate cause & corrective action scheduled. W/841113 1tr.
MISSIG, D. E., GUENNOZ, S. N. Toledo Edison Co. 84/10/19. 4pp.
27615:298. 24X Fiche: 50-346, 84/10/19, 8411260011.

8411160131 Part 21 rept re defect in Velan swing check valves causing valve disc to improperly align w/valve seat. All four high pressure injection swing check valves will be disassembled during refueling outage & valve internals modified.
CROUSE, R. P. Toledo Edison Co. 84/11/01. KEPPLER, J. G. Region 3, Office of Director. 5pp. 27539:078. 24X Fiche: 50-346, 84/11/01, 8411160131.

8411160267 PNO-III-84-093: on 841106, Lathrop Corp employee killed in fall from cooling tower. Worker apparently slipped from ladder while descending from scaffolding. Licensee investigating accident.
JACKIN, I. N., SHAFER, W. D. Region 3, Office of Director. 84/11/06. 1p. 27537:274. 24X Fiche: 50-346, 84/11/06, 8411160267.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche: 50-000, 84/11/06, 8411190524.

8411200045 LER 84-009-01: on 840618, unanalyzed situation existed in auxiliary feedwater pump Rooms 237 & 238 due to potential pipe breaks. Rooms isolated from flooding; fluid jet impingement & high temp. W/841101 1tr.
MILLER, F. R., STRAUPE, P. H., GUENNOZ, S. M. Toledo Edison Co. 84/11/09. 4pp. 27585:153. 24X Fiche: 50-346, 84/11/09, 8411200045.

DOCKET 50-348 JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 1
F. Security, medical, emergency & fire protection plans

8411130071 Revises schedule for submission of emergency exercise info. Detailed exercise scenario should be submitted 45 days in advance, not 20 as previously requested.
LEWIS, R. C. Division of Project & Resident Programs. 84/10/11. MCDONALD, R. P. Alabama Power Co. 2pp. 27460:163. 24X
Fiche: 50-348, 84/10/11, 8411130071.

8411140557 Ack receipt of scenario for 1984 emergency preparedness plume exposure exercise scheduled for 841128. Submittal appears to fulfill min requirements for full-scale exercise.
VERRELLI, D. M. Region 2, Office of Director. 84/10/26. MCDONALD, R. P. Alabama Power Co. 1p. 27495:130. 24X
Fiche: 50-348, 84/10/26, 8411140557.

8411070146 Rev 2 to Emergency Plan Implementing Procedure GO-EIP-116 "Emergency Operations Facility Shift Turnover." W/841101 1tr.
MCGOWAN, J. W., MUDD, C. H. Alabama Power Co. 84/11/01. 25pp.
27356:256. 24X Fiche: 50-348, 84/11/01, 8411070146.

8411120341 Rev 7 to Emergency Implementing Procedure FNP-O-EIP-6, "Technical Support to Emergency Plan" & Rev 33 to Procedure FNP-O-EIP-8, "Emergency Communications." W/841104 1tr.
HUDESPETH, J. B. Alabama Power Co. 84/11/04. MCKNIGHT, J. Record Services Branch (Document Control Desk). 155pp. 27426:232. 24X
Fiche: 50-348, 84/11/04, 8411120341.

8411120145 Rev 2 to Emergency Implementing Procedure GO-EIP-102, "Corporate Communication Dept Emergency Organization & Facilities." W/841105 1tr.
MCGOWAN, J. W., MUDD, C. H. Alabama Power Co. 84/11/05. 16pp.
27428:200. 24X Fiche: 50-348, 84/11/05, 8411120145.

8411120159 Rev 4 to Emergency Implementing Procedure GO-EIP-114, "News Release Coordination & Distribution." W/841105 1tr.
MCGOWAN, J. W., MUDD, C. H. Alabama Power Co. 84/11/05. 23pp.
27428:281. 24X Fiche: 50-348, 84/11/05, 8411120159.

8411120179 Rev 3 to General Ofc Emergency Implementing Procedure GO-EIP-132, "Nuclear Generation Dept Emergency Plan Drills & Exercises." W/841105 1tr.
MCGOWAN, J. W., MUDD, C. H. Alabama Power Co. 84/11/05. 11pp.
27428:304. 24X Fiche: 50-348, 84/11/05, 8411120179.

8411120261 Rev 3 to Emergency Implementing Procedure GO-EIP-117, "Emergency Operations Facility Administrative Support." W/841105 1tr.
MUDD, C. H. Alabama Power Co. 84/11/05. 29pp. 27430:027. 24X
Fiche: 50-348, 84/11/05, 8411120261.

8411120328 Rev 3 to General Ofc Emergency Plan Implementing Procedures GO-EIP-118, "Corporate Communication Dept, Corporate Activation & Notification Procedures." W/841105 1tr.
* Alabama Power Co. 84/11/05. 20pp. 27427:034. 24X
Fiche: 50-348, 84/11/05, 8411120328.

8411120386 Procedure GO-EIP-134, "Corporate Emergency Plan Training." W/841105 1tr.
* Alabama Power Co. 84/11/05. 24pp. 27427:054. 24X
Fiche: 50-348, 84/11/05, 8411120386.

8411140195 Rev 5 to General Ofc Emergency Implementing Procedure GO-EIP-112, "Emergency Mobile Communications." W/841106 1tr.
MCGOWAN, J. W., MUDD, C. H. Alabama Power Co. 84/11/06. 10pp.
27466:071. 24X Fiche: 50-348, 84/11/06, 8411140195.

8411190160 Rev 9 to Emergency Plan Implementing Procedure FNP-O-EIP-15, "Emergency Drills." W/841110 1tr.
HUDESPETH, J. B. Alabama Power Co. 84/11/10. MCKNIGHT, J. Record Services Branch (Document Control Desk). 10pp. 27554:338. 24X
Fiche: 50-348, 84/11/10, 8411190160.

8411200121 Forwards response to NRC 841031 request for info re safety parameter display sys electrical isolation device compliance w/environ & seismic qualifications which were basis for licensing of plant.
MCDONALD, R. P. Alabama Power Co. 84/11/13. VARGA, S. A. Office of Nuclear Reactor Regulation, Director. 2pp. 27579:141. 24X
Fiche: 50-348, 84/11/13, 8411200121.

8411210011 Emergency plan Pages 38 & 39 to Annex B of Annex II (State of GA), omitted from original issue.
* Alabama Power Co. 84/11/16. 3pp. 27590:105. 24X
Fiche: 50-348, 84/11/16, 8411210011.

DOCKETED ITEMS

175

8411260399 Forwards temporary change notices for Draft 1 of Rev B to Emergency Plan Implementing Procedure 00-EIP-111, "Corporate Activation & Notification Procedures." W/841116 ltr. MCCracken, K. W., MUDD, C. H. Alabama Power Co. 84/11/16. 26pp. 27611:209. 24X Fiche: 50-348, 84/11/16, 8411260399.

8411280011 Forwards Change 4 to Annex B of "State of GA Radiological Emergency Plan, Alabama Power Co./Farley Plant" & Rev 9 to emergency plan. HUDSPETH, J. B. Alabama Power Co. 84/11/16. MCKNIGHT, J. Record Services Branch (Document Control Desk). 2pp. 27669:267. 24X Fiche: 50-348, 84/11/16, 8411280011.

--8411280018 Change 4 to Annex B of "State of GA Radiological Emergency Plan, Alabama Power Co./Farley Plant." * Alabama Power Co. 84/11/16. 122pp. 27669:269. 24X Fiche: 50-348, 84/11/16, 8411280011.

--8411280021 Rev 9 to emergency plan. * Alabama Power Co. 84/11/06. 537pp. 27670:030. 24X Fiche: 50-348, 84/11/16, 8411280011.

8411260385 Forwards NRC 840309 comments re detailed control room design review, per Suppl 1 to NUREG-0737 & summary of util surveys, checklists & questions in lieu of NUREG-0700 checklists. MCDONALD, R. P. Alabama Power Co. 84/11/20. VARGA, S. A. Office of Nuclear Reactor Regulation, Director. 19pp. 27609:350. 24X Fiche: 50-348, 84/11/20, 8411260385.

8411260403 Rev 1 to Emergency Plan Implementing Procedure 00-EIP-120, "Ref Guidance for Recovery Manager." W/841120 ltr. MUDD, C. H. Alabama Power Co. 84/11/20. 4pp. 27610:097. 24X Fiche: 50-348, 84/11/20, 8411260403.

8411290414 Revised emergency plan implementing procedures, including FNP-0-EIP-2 re duties of shift supervisor, FNP-0-EIP-3 re duties of emergency director & FNP-0-EIP-8 re emergency communications. W/841122 ltr. HUDSPETH, J. B. Alabama Power Co. 84/11/22. MCKNIGHT, J. Record Services Branch (Document Control Desk). 64pp. 27676:071. 24X Fiche: 50-348, 84/11/22, 8411290414.

M. Antitrust correspondence

8411080449 Advises that NRC will treat 840629 petition as request for action under 10CFR2.206 & take appropriate action within reasonable time. Action based on Commission 840907 order declining to initiate proceeding for declaratory relief. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 84/10/25. BOSKEY, B. Voipe, Boskey & Lyons. 2pp. 27403:067. 24X Fiche: 50-348, 84/10/25, 8411080449.

P. Operating license stage documents & correspondence

8411290186 FOIA request for any NRC technical evaluation rept, SER, or evaluation rept of plant RCS overpressurization mitigation sys. as described to NRC in 780906 ltr. PEDRO, J. NUS Corp. 84/04/18. Division of Rules and Records. 1p. 27699:285. 24X Fiche: 50-348, 84/04/18, 8411290186.

8411290191 Responds to FOIA request for any NRC technical evaluation rept, SER or evaluation rept of plant RCS overpressurization mitigation sys. Copy of NRC SER dtd 790731 located in PDR. FELTON, J. M. Division of Rules and Records. 84/05/14. PEDRO, J. NUS Corp. 1p. 27699:286. 24X Fiche: 50-348, 84/05/14, 8411290191.

841120423 Forwards Amends 51 & 42 to Licenses NPF-2 & NPF-B, respectively & safety evaluation. Amends delete words "during shutdown," in Tech Spec 4.7.1.2.2.b.1 to allow scheduling of surveillance w/o requiring plant shutdown. REEVES, E. A. Operating Reactors Branch 1. 84/10/17. MCDONALD, R. P. Alabama Power Co. 3pp. 27438:345. 24X Fiche: 50-348, 84/10/17, 841120423.

--841120429 Amends 51 & 42 to Licenses NPF-2 & NPF-B, respectively, deleting words "during shutdown," in Tech Spec 4.7.1.2.2.b.1 to allow scheduling of surveillance w/o requiring plant shutdown. VARGA, S. A. Operating Reactors Branch 1. 84/10/17. 8pp. 27438:348. 24X Fiche: 50-348, 84/10/17, 841120423.

--841120431 Safety evaluation supporting Amends 51 & 42 to Licenses NPF-2 & NPF-B, respectively. * Office of Nuclear Reactor Regulation, Director. 84/10/17. 4pp. 27438:356. 24X Fiche: 50-348, 84/10/17, 841120423.

8411090384 Forwards exemption from requirements of Footnote d-2(c) of App A to 10CFR20 re use of radioiodine protection factor of 50 for certain respiratory protection canisters. Safety evaluation also encl. VARGA, S. A. Operating Reactors Branch 1. 84/10/23. MCDONALD, R. P. Alabama Power Co. 2pp. 27424:352. 24X Fiche: 50-348, 84/10/23, 8411090384.

--8411090387 Exemption from restrictions of App A to 10CFR20 Footnote d-2(c), authorizing use of GMR-1 respiratory protection canisters. EISENHUT, D. O. Division of Licensing. 84/10/23. Alabama Power Co. 3pp. 27424:354. 24X Fiche: 50-348, 84/10/23, 8411090384.

--8411090389 Safety evaluation supporting use of radioiodine protection factor for GMR-1 canisters. * Office of Nuclear Reactor Regulation, Director. 84/10/23. 5pp. 27424:357. 24X Fiche: 50-348, 84/10/23, 8411090384.

841120250 Application for amend to Licenses NPF-2 & NPF-B, changing Tech Specs to utilize new operating staff manning schedules entailing 12 h shifts. Schedule proposed to simplify current rotation sys. Fee paid. MCDONALD, R. P. Alabama Power Co. 84/11/02. VARGA, S. A. Office of Nuclear Reactor Regulation, Director. 3pp. 27428:251. 24X Fiche: 50-348, 84/11/02, 841120250.

--841120254 Proposed Tech Specs utilizing new operating staff manning schedules entailing 12 h shifts. * Alabama Power Co. 84/11/02. 2pp. 27428:254. 24X Fiche: 50-348, 84/11/02, 841120250.

841140468 Forwards notice of environ assessment & finding of no significant impact re request for relief from inservice testing requirements for accumulator & refueling water storage tank valves. Relief granted per 840601 request. VARGA, S. A. Operating Reactors Branch 1. 84/11/02. MCDONALD, R. P. Alabama Power Co. 3pp. 27525:012. 24X Fiche: 50-348, 84/11/02, 841140468.

--841140472 Notice of environ assessment & finding of no significant impact re request for relief from inservice testing requirements for accumulator & refueling water storage tank valves. Relief granted. LAINAS, G. C. Assistant Director for Operating Reactors. 84/11/02. 3pp. 27525:015. 24X Fiche: 50-348, 84/11/02, 841140468.

841140044 Forwards updated status of 1984 licensing items identified in 841010 ltr. Approval of Item 28 re deletion of requirement to remove reactor vessel capsule crucial prior to scheduled startup. Decision on item needed by 850104. MCDONALD, R. P. Alabama Power Co. 84/11/06. VARGA, S. A. Office of Nuclear Reactor Regulation, Director. 9pp. 27464:289. 24X Fiche: 50-348, 84/11/06, 841140044.

8411280438 Forwards Amends 52 & 43 to Licenses NPF-2 & NPF-B, respectively & safety evaluation. Amends modify Tech Specs values for reload fuel max enrichment. REEVES, E. A. Operating Reactors Branch 1. 84/11/08. MCDONALD, R. P. Alabama Power Co. 2pp. 27682:296. 24X Fiche: 50-348, 84/11/08, 8411280438.

--8411280447 Amends 52 & 43 to Licenses NPF-2 & NPF-B, respectively, modifying Tech Specs values for reload fuel max enrichment. VARGA, S. A. Operating Reactors Branch 1. 84/11/08. 10pp. 27682:298. 24X Fiche: 50-348, 84/11/08, 8411280438.

--8411280462 Safety evaluation supporting Amends 52 & 43 to Licenses NPF-2 & NPF-B, respectively. * Office of Nuclear Reactor Regulation, Director. 84/11/08. 4pp. 27682:308. 24X Fiche: 50-348, 84/11/08, 8411280438.

8411280403 Forwards Amends 53 & 44 to Licenses NPF-2 & NPF-B, respectively & safety evaluation. Amends revise Tech Specs to reflect changes in title of vice president nuclear generation to senior vice president. REEVES, E. A. Operating Reactors Branch 1. 84/11/13. MCDONALD, R. P. Alabama Power Co. 4pp. 27683:297. 24X Fiche: 50-348, 84/11/13, 8411280403.

--8411280412 Amends 53 & 44 to Licenses NPF-2 & NPF-B, respectively, revising Tech Specs to change title of vice president nuclear generation to senior vice president & eliminating former mgt position. VARGA, S. A. Operating Reactors Branch 1. 84/11/13. 18pp. 27683:301. 24X Fiche: 50-348, 84/11/13, 8411280403.

--8411280415 Safety evaluation supporting Amends 53 & 44 to Licenses NPF-2 & NPF-B, respectively. * Office of Nuclear Reactor Regulation, Director. 84/11/13. 2pp. 27683:319. 24X Fiche: 50-348, 84/11/13, 8411280403.

DOCKETED ITEMS

G. Inspection reports, IE Bulletins & correspondence

8411150255 Ack receipt of 840928 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-348/84-20 & 50-364/84-20.
LEWIS, R. C. Region 2, Office of Director. 84/10/18. MCDONALD, R. P. Alabama Power Co. 1p. 27528:241. 24X Fiche: 50-348, 84/10/18, 8411150255.

--8411150261 Responds to NRC 840831 ltr re violations noted in Insp Repts 50-348/84-20 & 50-364/84-20. Corrective actions: motor control ctr reenergized, valve operator removed from cable tray & accessible cable trays inspected for damage & maint.
MCDONALD, R. P. Alabama Power Co. 84/09/28. VERRELLI, D. M. Region 2, Office of Director. 4pp. 27528:242. 24X Fiche: 50-348, 84/10/18, 8411150255.

--8411150264 Forwards Insp Repts 50-348/84-20 & 50-364/84-20 on 840711-0815 & notice of violation.
LEWIS, R. C. Region 2, Office of Director. 84/08/31. MCDONALD, R. P. Alabama Power Co. 2pp. 27528:246. 24X Fiche: 50-348, 84/10/18, 8411150255.

--8411150269 Notice of violation from insp on 840711-0815.
* Region 2, Office of Director. 84/08/31. 2pp. 27528:248. 24X Fiche: 50-348, 84/10/18, 8411150255.

--8411150274 Insp Repts 50-348/84-20 & 50-364/84-20 on 840711-0815. Violation noted: adequate protection & control of certain components important to safety not exercised & certain instruments not calibr as required.
BRADFORD, W. H., RULAND, W. H., CANTRELL, F. S. Region 2, Office of Director. 84/08/31. 7pp. 27528:250. 24X Fiche: 50-348, 84/10/18, 8411150255.

8410250031 IE Info Notice 84-77. "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

correspondence

1984. W/841109 ltr.
ser Co. 84/10/31. 5pp.
411280050.

S. Reportable occurrences, LERs & related correspondence

8411160414 LER 84-021-00: on 841008, hourly fire watch not conducted in accordance w/Tech Spec 3.3.3.9 when fire alarm for svc water intake structure cut out. Caused by personnel error. Personnel counseled & fire alarm returned to svc. W/841105 ltr.
WOODARD, J. D., MCDONALD, R. P. Alabama Power Co. 84/11/05. 3pp. 27545:246. 24X Fiche: 50-348, 84/11/05, 8411160414.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

V. Operator Examinations

8411140578 Requests info by 841128 to complete arrangements for operator & senior operator licensing exams scheduled for wk of 850128.
VERRELLI, D. M. Region 2, Office of Director. 84/10/25. MCDONALD, R. P. Alabama Power Co. 5pp. 27495:161. 24X Fiche: 50-348, 84/10/25, 8411140578.

DOCKET 50-352 LIMERICK GENERATING STATION, UNIT 1

A. Application/construction stage documents & correspondence

8411020241 Requests exemption from requirements of 10CFR50, App A, GDC 19 re capability to achieve hot & cold shutdown from outside control room. Redundant remote shutdown capability will be provided by making procedural & hardware changes.
KEMPER, J. S. Philadelphia Electric Co. 84/10/25. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 4pp. 27257:174. 24X Fiche: 50-352, 84/10/25, 8411020241.

8411020305 Forwards Amend 73 to license application (filed in PDR Category A), Rev 11 to emergency plan (filed in PDR Category F) & Rev 37 to FSAR (filed in PDR Category K). W/16 oversize enclosures. Aperture cards available in PDR.
BRADLEY, E. J. Philadelphia Electric Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27296:115. 24X Fiche: 50-352, 84/10/31, 8411020305.

--8411020313 Amend 73 to application for DL, revising FSAR, Rev 37 & emergency plan, Rev 11.
BOYER, V. S. Philadelphia Electric Co. 84/10/31. 6pp. 27296:116. 24X Fiche: 50-352, 84/10/31, 8411020305.

E. NRC Safety Evaluation Report (SER), suppls & correspondence

8411090445 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF LIMERICK GENERATING STATION, UNITS 1 & 2. DOCKET Nos. 50-352 And 50-353. (Philadelphia Electric Company)
* Division of Licensing. NUREG-0991 S02. 84/10/31. 128pp. Available at NRC. \$5.50. 27423:001. 24X Fiche: 50-352, 84/10/31, 8411090445.

8411210188 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF LIMERICK GENERATING STATION, UNITS 1 And 2. Docket Nos. 50-352 And 50-353. (Philadelphia Electric Company)
* Division of Licensing. NUREG-0991 S03. 84/10/31. 156pp. Available at NRC. \$5.50. 27619:087. 24X Fiche: 50-352, 84/10/31, 8411210188.

8411280544 Forwards SSER 2 & 3 (NUREG-0991). W/o encl.
SCHWENCER, A. Licensing Branch 2. 84/11/16. BAUER, E. G. Philadelphia Electric Co. 1p. 27682:107. 24X Fiche: 50-352, 84/11/16, 8411280544.

F. Security, medical, emergency & fire protection plans

8411120438 Forwards revised emergency plan implementing procedures, including EP-102 re unusual event response, EP-103 re alert response, EP-104 re site emergency response & EP-105 re general emergency response. Related correspondence.
DALTROFF, S. L. Philadelphia Electric Co. #484 631. 84/08/20. MURLEY, T. E. Region 1, Office of Director. SCHWENCER, A. Licensing Branch 2. 5pp. 27438:022. 24X Fiche: 50-352, 84/08/20, 8411120438.

--8411120441 Revised emergency plan implementing procedures, including EP-102 re unusual event response, EP-103 re alert response, EP-104 re site emergency response & EP-105 re general emergency response. Related correspondence.
* Philadelphia Electric Co. 84/08/30. 242pp. 27438:027. 24X Fiche: 50-352, 84/08/20, 8411120438.

DOCKETED ITEMS

177

- 8411030075 Draft 6 of "Borough of Boyertown, Berks County Radiological Emergency Response Plan for Incidents at Limerick Generating Station Implementing Procedures." Related correspondence.
* Boyertown, PA. #484 675. 84/09/30. 65pp. 27310:016. 24X
Fiche: 50-352, 84/09/30, 8411030075.
- 8411010004 Forwards Insp Rept 50-352/84-47 on 840827-31. No violation noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/04.
KEMPER, J. S. Philadelphia Electric Co. 4pp. 27249:083. 24X
Fiche: 50-352, 84/10/04, 8411010004.
- 8411010006 Insp Rept 50-352/84-47 on 840827-31. No violation or deviation noted. Major areas inspected: safe shutdown capability of plant in event of fire & licensee fire protection/prevention program.
PULLANI, S. V., KRASOPOULOS, A., ANDERSON, C. J. Region 1, Office of Director. 84/09/21. 22pp. 27249:087. 24X Fiche: 50-352, 84/10/04, 8411010004.
- 8411010176 Forwards public version of revised emergency plan implementing procedures, including EP-101 re classification of emergencies & EP-202 re operations support ctr activation. Related correspondence.
DALTROFF, S. L. Philadelphia Electric Co. #484 478. 84/10/11.
MURLEY, T. E. Region 1, Office of Director. SCHWENCER, A. Licensing Branch 2. 5pp. 27271:240. 24X Fiche: 50-352, 84/10/11, 8411010176.
- 8411010322 Public version of revised emergency plan implementing procedures, including EP-101 re classification of emergencies & EP-202 re operations support ctr activation. Related correspondence.
* Philadelphia Electric Co. 84/09/27. 72pp. 27271:245. 24X
Fiche: 50-352, 84/10/11, 8411010176.
- 8411010058 Forwards Draft 6 to "Borough of Boyertown, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station," for review & comment. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 648. 84/10/12. LAYMAN, R. Boyertown, PA. 1p. 27260:295. 24X Fiche: 50-352, 84/10/12, 8411010058.
- 8411010065 Draft 6 to "Borough of Boyertown, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Boyertown, PA. 84/09/30. 52pp. 27260:296. 24X
Fiche: 50-352, 84/10/12, 8411010058.
- 8411010156 Forwards Draft 6 of radiological emergency response plan for review & comment. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 641. 84/10/12. HAGEY, K. S. Pennsylvania, Commonwealth of. 1p. 27271:148. 24X
Fiche: 50-352, 84/10/12, 8411010156.
- 8411010161 Draft 6 of "Upper Salford Township, Montgomery County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 89pp. 27271:149. 24X
Fiche: 50-352, 84/10/12, 8411010156.
- 8411010515 Forwards Draft 6 to "Skipack Township, Montgomery County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station" for review & comment. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 645. 84/10/12.
HUGENIN, G. Skipack Township, PA. 1p. 27266:108. 24X
Fiche: 50-352, 84/10/12, 8411010515.
- 8411010659 Draft 6 to "Skipack Township, Montgomery County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Info deleted.
* Skipack Township, PA. 84/09/30. 97pp. 27266:109. 24X
Fiche: 50-352, 84/10/12, 8411010515.
- 8411010557 Forwards Draft 6 of "East Pikeland Township Radiological Emergency Response Plan for Incidents at Limerick Generating Station," for review & comment. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 654. 84/10/12. HUGHES, G. East Pikeland Township, PA. 1p. 27266:001. 24X
Fiche: 50-352, 84/10/12, 8411010557.
- 8411010559 Draft 6 of "East Pikeland Township, Chester County, Radiological Emergency Response Plan Implementing Procedures Limerick Generating Station." Info deleted.
* East Pikeland Township, PA. 84/09/30. 53pp. 27266:002. 24X
Fiche: 50-352, 84/10/12, 8411010557.
- 8411010561 Draft 6 of "East Pikeland, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* East Pikeland Township, PA. 84/09/30. 53pp. 27266:057. 24X
Fiche: 50-352, 84/10/12, 8411010557.
- 8411010591 Forwards Draft 6 to "North Coventry Township Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 651. 84/10/12. GUEST, M. North Coventry Township, PA. 1p. 27266:217. 24X
Fiche: 50-352, 84/10/12, 8411010591.
- 8411010672 Draft 6 to "North Coventry Township, Radiological Emergency Response Plan Implementing Procedures for Incidents at Limerick Generating Station." Related correspondence.
* North Coventry Township, PA. * Chester County, PA. 84/09/30. 49pp. 27266:218. 24X Fiche: 50-352, 84/10/12, 8411010591.
- 8411010674 Draft 6 to "North Coventry Township Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* North Coventry Township, PA. 84/09/30. 51pp. 27266:267. 24X
Fiche: 50-352, 84/10/12, 8411010591.
- 8411020110 Forwards Draft 6 of "Amity Township, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station" & "... Implementing Procedures." Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 680. 84/10/12.
REIGEL, H. L. Pennsylvania, Commonwealth of. 1p. 27263:001. 24X
Fiche: 50-352, 84/10/12, 8411020110.
- 8411020113 Draft 6 of "Amity Township, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 52pp. 27263:002. 24X
Fiche: 50-352, 84/10/12, 8411020110.
- 8411020116 Draft 6 of "Amity Township, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station, Implementing Procedures." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 58pp. 27263:054. 24X
Fiche: 50-352, 84/10/12, 8411020110.
- 8411030063 Forwards Draft 6 of "Warwick Township, Chester County Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Items completed w/exception of listed items. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 674. 84/10/12. HURLOCK, F. Affiliation Not Assigned. 1p. 27309:339. 24X
Fiche: 50-352, 84/10/12, 8411030063.
- 8411030070 Draft 6 of "Warwick Township, Chester County Radiological Emergency Response Plan for Incidents at Limerick Generating Station Implementing Procedures." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 39pp. 27309:340. 24X
Fiche: 50-352, 84/10/12, 8411030063.
- 8411050048 Forwards Draft 6 to "East Coventry Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station" & "... Implementing Procedures." Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 679. 84/10/12. FOOSE, T. Pennsylvania, Commonwealth of. 1p. 27325:335. 24X
Fiche: 50-352, 84/10/12, 8411050048.
- 8411050052 Draft 6 to "East Coventry Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 50pp. 27325:336. 24X
Fiche: 50-352, 84/10/12, 8411050048.
- 8411050057 Draft 6 to "East Coventry Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station Implementing Procedures." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 39pp. 27326:023. 24X
Fiche: 50-352, 84/10/12, 8411050048.
- 8411050380 Forwards Draft 6 of "Charlestown Township, Chester County Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Items completed w/exception of listed items. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 676. 84/10/12. WERT, R. Charlestown Township, PA. 1p. 27325:237. 24X Fiche: 50-352, 84/10/12, 8411050380.
- 8411050387 Draft 6 of "Charlestown Township, Chester County Radiological Emergency Response Plan for Incidents at Limerick Generating Station, Implementing Procedures." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 39pp. 27325:238. 24X
Fiche: 50-352, 84/10/12, 8411050380.

DOCKETED ITEMS

- 8411050391 Draft 6 of "Charlestown Township, Chester County Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 51pp. 27325:277. 24X
Fiche: 50-352, 84/10/12, 8411050380.
- 8411010502 Forwards Draft 6 of "Colebrookdale Township, Berks County, Radiological Emergency Response Plan." Related correspondence.
DECK, R.L. Energy Consultants, Inc. #484 643. 84/10/15. SMOYER, J. Boyertown, PA. 1p. 27265:110. 24X Fiche: 50-352, 84/10/15, 8411010502.
- 8411010506 Draft 6 of "Colebrookdale Township, Berks County, Radiological Emergency Response Plan." Related correspondence.
* Boyertown, PA. 84/09/30. 50pp. 27265:111. 24X
Fiche: 50-352, 84/10/15, 8411010502.
- 8411010508 Draft 6 of "Colebrookdale Township, Berks County, Radiological Emergency Response Plan, Implementing Procedures." Related correspondence.
* Boyertown, PA. 84/09/30. 46pp. 27265:162. 24X
Fiche: 50-352, 84/10/15, 8411010502.
- 8411010505 Forwards Draft 6 to "Schuylkill Township Radiological Emergency Response Plan for Incident at Limerick Generating Station." Draft contains minor changes resulting from 840725 exercise. Related correspondence.
DECK, R.L. Energy Consultants, Inc. #484 655. 84/10/15. VUTZ, N. Schuylkill Township, PA. 1p. 27265:208. 24X Fiche: 50-352, 84/10/15, 8411010505.
- 8411010509 Draft 6 to "Schuylkill Township Radiological Emergency Response Plan for Incidents at Limerick Generating Station."
* Schuylkill Township, PA. 84/09/30. 51pp. 27265:209. 24X
Fiche: 50-352, 84/10/15, 8411010505.
- 8411010512 Draft 6 to "Schuylkill Township Radiological Emergency Response Plan, Implementing Procedures for Incidents at Limerick Generating Station." Related correspondence.
* Schuylkill Township, PA. * Chester County, PA. 84/09/30. 47pp. 27265:259. 24X Fiche: 50-352, 84/10/15, 8411010505.
- 8411010516 Forwards "Saint Pius X High School Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
TAMANINI, H.C. Energy Consultants, Inc. 484 640. 84/10/15. MCGUIRE, J.E. St. Pius X High School, Pottstown, PA. 1p. 27265:001. 24X-Fiche: 50-352, 84/10/15, 8411010516.
- 8411010519 "Saint Pius X High School Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* St. Pius X High School, Pottstown, PA. 84/10/31. 62pp. 27265:002. 24X Fiche: 50-352, 84/10/15, 8411010516.
- 8411020359 Forwards Draft 6 to "West Vincent Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station," & "... Implementing Procedures." Related correspondence.
DECK, R.L. Energy Consultants, Inc. #484 677. 84/10/15. MONTEITH, D.J. Pennsylvania, Commonwealth of, 1p. 27262:004. 24X
Fiche: 50-352, 84/10/15, 8411020359.
- 8411020362 Draft 6 to "West Vincent Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 45pp. 27262:005. 24X
Fiche: 50-352, 84/10/15, 8411020359.
- 8411020364 Draft 6 to "West Vincent Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station, Implementing Procedures." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 52pp. 27262:036. 24X
Fiche: 50-352, 84/10/15, 8411020359.
- 8411030044 Forwards Draft 6 of "Douglass Township, Berks County Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Items completed w/exception of listed input. Related correspondence.
DECK, R.L. Energy Consultants, Inc. #484 673. 84/10/15. MINOTT, A. Douglass Township, PA. 1p. 27310:080. 24X Fiche: 50-352, 84/10/15, 8411030044.
- 8411030052 Draft 6 of "Douglass Township, Berks County Radiological Emergency Response Plan for Incidents at Limerick Generating Station."
* Energy Consultants, Inc. 84/09/30. 50pp. 27310:081. 24X
Fiche: 50-352, 84/10/15, 8411030044.
- 8411030057 Draft 6 of "Douglass Township, Berks County Radiological Emergency Response Plan for Incidents at Limerick Generating Station Implementing Procedures."
* Energy Consultants, Inc. 84/09/30. 45pp. 27310:131. 24X
Fiche: 50-352, 84/10/15, 8411030044.
- 8411030595 Forwards Rev O to "St Peter School, Montgomery County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
TAMANINI, H.C. Energy Consultants, Inc. #484 678. 84/10/15. CHRISTIE, R. St. Peter's School, Pottstown, PA. 1p. 27289:205. 24X
Fiche: 50-352, 84/10/15, 8411030595.
- 8411030599 Rev O to "St Peter School, Montgomery County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* St. Peter's School, Pottstown, PA. 84/10/31. 60pp. 27289:206. 24X
Fiche: 50-352, 84/10/15, 8411030595.
- 8411030153 Forwards "Detailed Control Room Design Review for Limerick Generating Station," technical evaluation report based on util responses to NUREG-0737, Suppl 1.
SCHWENCER, A. Licensing Branch 2. 84/10/16. BAUER, E.G. Philadelphia Electric Co. 4pp. 27310:176. 24X
Fiche: 50-352, 84/10/16, 8411030153.
- 8409260607 "Technical Evaluation Report of Detailed Control Room Design Review for Limerick Generating Station."
BANKS, W.W., HARMON, K.D. Lawrence Livermore National Laboratory. 84/08/10. NRC - No Detailed Affiliation Given. 71pp. 27310:180. 24X Fiche: 50-352, 84/10/16, 8411030153.
- 8411102070 Forwards public version of revised emergency plan implementing procedures, including EP-105 re general emergency response, EP-208 re security team activation & EP-276 re fire & damage team phone list.
DALTROFF, S.L. Philadelphia Electric Co. 84/10/25. MURLEY, T.E. Region 1, Office of Director. 6pp. 27438:269. 24X
Fiche: 50-352, 84/10/25, 8411102070.
- 8411102074 Public version of revised emergency plan implementing procedures, including EP-105 re general emergency response, EP-208 re security team activation & EP-276 re fire & damage team phone list. W/JM Felton 841101 release memo.
* Philadelphia Electric Co. 84/10/08. 51pp. 27438:274. 24X
Fiche: 50-352, 84/10/25, 8411102070.
- 8411130159 Forwards public version of revs to emergency plan implementing procedures, including EP-241 re preparation & handling of highly radioactive liquid samples & EP-273 re supervision call list.
DALTROFF, S.L. Philadelphia Electric Co. 84/10/25. MURLEY, T.E. Region 1, Office of Director. SCHWENCER, A. Licensing Branch 2. 5pp. 27480:144. 24X Fiche: 50-352, 84/10/25, 8411130159.
- 8411130173 Public version of revs to emergency plan implementing procedures, including EP-241 re sampling preparation & handling of highly radioactive liquid samples & EP-273 re supervision call list. W/JM Felton 841101 release memo.
* Philadelphia Electric Co. 84/10/04. 18pp. 27480:150. 24X
Fiche: 50-352, 84/10/25, 8411130159.
- 8411130575 Concurs w/841022 request for extension of date for completion of Emergency Preparedness Appraisal Rept 50-352/84-18 items from fuel load to initial criticality.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/25. KEMPER, J.S. Philadelphia Electric Co. 3pp. 27461:287. 24X
Fiche: 50-352, 84/10/25, 8411130575.
- 8411130581 Requests extension of completion date from fuel load to initial criticality for Emergency Preparedness Appraisal Rept 50-352/84-18 item re emergency notification sys & technical support ctr ventilation sys.
DALTROFF, S.L. Philadelphia Electric Co. 84/10/22. MURLEY, T.E. Region 1, Office of Director. 3pp. 27461:290. 24X
Fiche: 50-352, 84/10/25, 8411130575.
- 8411010173 Forwards copies of radiological emergency response plans. Related correspondence.
CULLEN, E.J. Philadelphia Electric Co. #484 827. 84/10/29. ZITZER, P. Limerick Ecology Action. 1187pp. 27232:208. 24X
Fiche: 50-352, 84/10/29, 8411010173.
- 8411020305 Forwards Amend 11 to emergency plan (filed in PDR Category F).
BRADLEY, E.J. Philadelphia Electric Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27296:115. 24X
Fiche: 50-352, 84/10/31, 8411020305.
- 8411020316 Rev 11 to emergency plan.
* Philadelphia Electric Co. 84/10/31. 8pp. 27296:122. 24X
Fiche: 50-352, 84/10/31, 8411020305.

8411080170 Forwards "Control Room Design Review," final rept, Suppl 1. Rept documents completion of final validation step of control room design review program plan & satisfies commitment made in util 840816 ltr.
KEMPER, J.S. Philadelphia Electric Co. 84/11/02. SCHWENCER, A. Licensing Branch 2. 2pp. 27392:306. 24X Fiche: 50-352, 84/11/02, 8411080170.

--8411080178 "Control Room Design Review," final rept, Suppl 1.
* Philadelphia Electric Co. 84/10/31. 68pp. 27392:308. 24X Fiche: 50-352, 84/11/02, 8411080170.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecky at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. STREET, W.B. Cornell Univ., Ithaca, NY. RENNIE, D.W. New York State Univ. of Buffalo, NY. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411060488 Testimony re admitted offsite emergency planning contentions. Prof qualifications of JR Asher, RZ Kincad & JH Keller encl. Related correspondence.
* Federal Emergency Management Agency. #484 938. 84/11/05. 109pp. 27315:063. 24X Fiche: 50-352, 84/11/05, 8411060488.

8411090334 Subpoena directing RC Claypool to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H.F. Atomic Safety and Licensing Board Panel. #484 021. 84/11/05. CLAYPOOL, R.C. Affiliation Not Assigned. 18pp. 27399:061. 24X Fiche: 50-352, 84/11/05, 8411090334.

8411090340 Subpoena directing RB Murray to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H.F. Atomic Safety and Licensing Board Panel. #484 016. 84/11/05. MURRAY, R.B. Affiliation Not Assigned. 3pp. 27399:079. 24X Fiche: 50-352, 84/11/05, 8411090340.

8411210005 Forwards correspondence & documents re emergency planning among applicant, NRC & Commonwealth of Pennsylvania, per ASLB 840601 order. Related correspondence.
CULLEN, E.J. Philadelphia Electric Co. #484 104. 84/11/07. ZITZER, P. Ecology Action of Pottstown. 387pp. 27626:354. 24X Fiche: 50-352, 84/11/07, 8411210005.

8411160222 Confirms NRC understanding of listed util intended action re addl review of info obtained during background investigation of security force personnel, per 841109 telcon. Confirmation requested within 5 days.
MURLEY, T.E. Region 1, Office of Director. 84/11/09. DALTROFF, S.L. Philadelphia Electric Co. 2pp. 27542:250. 24X Fiche: 50-352, 84/11/09, 8411160222.

8411200232 Forwards magnetic tape containing hourly meteorological data for 840716-1014, per 841013 commitment, w/o tape.
KEMPER, J.S. Philadelphia Electric Co. 84/11/14. SCHWENCER, A. Licensing Branch 2. 4pp. 27577:316. 24X Fiche: 50-352, 84/11/14, 8411200232.

8411270419 Requests assistance in planning for necessary evacuation of Buck County residents. Telecommunications interconnections & responses will be tested on 841120. List of citizen concerns encl. Served on 841126.
FONASH, C.F. Bucks County, PA. 84/11/16. Federal Emergency Management Agency. PATTEN, J.L. Pennsylvania, Commonwealth of. 6pp. 27628:195. 24X Fiche: 50-352, 84/11/16, 8411270419.

8411260106 Forwards correspondence & documents re emergency planning among applicant, NRC staff, Commonwealth of PA & other govt agencies per ASLB 820601 order. Svc list encl. Related correspondence.
CULLEN, E.J. Philadelphia Electric Co. #484 271. 84/11/21. ZITZER, P. Limerick Ecology Action. 195pp. 27616:137. 24X Fiche: 50-352, 84/11/21, 8411260106.

G. Adjudicatory correspondence

8411060586 Appeal from second partial initial decision, LPB-84-31 & ASLB 840901 motion to set aside & reopen Contentions V-3a & 3B & petition for stay.
ANTHONY, R.L. Anthony, R.L. ANTHONY, R.L. Friends of the Earth. #484 979. 84/10/23. Atomic Safety and Licensing Appeal Panel. 1p. 27326:309. 24X Fiche: 50-352, 84/10/23, 8411060586.

8411060566 Reiterates concerns re Graterford prisoner evacuation plan. Plan not yet received & info needed to file contentions. Related correspondence.
LOVE, A.R. Montgomery County, PA. #484 974. 84/10/24. FERKIN, Z.G. Pennsylvania, Commonwealth of. 1p. 27326:250. 24X Fiche: 50-352, 84/10/24, 8411060566.

8411010173 Forwards copies of radiological emergency response plans. Related correspondence.
CULLEN, E.J. Philadelphia Electric Co. #484 827. 84/10/29. ZITZER, P. Limerick Ecology Action. 1187pp. 27232:208. 24X Fiche: 50-352, 84/10/29, 8411010173.

8411020517 NRC answer in opposition to applicant 841017 petition for review of ALAB-785. SH Lewis notice of appearance & Certificate of Svc encl.
LEWIS, S.H. Hearing Branch 2. #484 868. 84/11/01. 15pp. 27261:283. 24X Fiche: 50-352, 84/11/01, 8411020517.

8411060285 Transmittal of testimony re Limerick Ecology Action & Friends of the Earth offsite emergency plan contentions & City of Philadelphia Contentions City-18 & City-19. Certificate of Svc encl. Related correspondence.
RADER, R.M. Philadelphia Electric Co. RADER, R.M. Conner & Wetterhahn. #484 890. 84/11/01. 7pp. 27323:327. 24X Fiche: 50-352, 84/11/01, 8411060285.

8411060454 Joint rept of parties re discussion of ASLB 841019 order & possibility of contending settlement on offsite emergency planning. Certificate of Svc encl.
RADER, R.M. Philadelphia Electric Co. RADER, R.M. Conner & Wetterhahn. #484 891. 84/11/01. 8pp. 27316:117. 24X Fiche: 50-352, 84/11/01, 8411060454.

8411060300 Notice of appearance in proceeding. Certificate of Svc encl.
MCQUERREN, H.J. Hearing Branch 1. #484 921. 84/11/02. 4pp. 27323:311. 24X Fiche: 50-352, 84/11/02, 8411060300.

8411060330 Forwards Boyer 841019 ltr to Schwencer, to which applicant refers at Page 10 in brief, w/o encl. Related correspondence.
RADER, R.M. Conner & Wetterhahn. RADER, R.M. Philadelphia Electric Co. #484 950. 84/11/02. KOHL, C.N., EDLES, G.J., GOTCHY, R.L. Atomic Safety and Licensing Appeal Panel. 1p. 27321:222. 24X Fiche: 50-352, 84/11/02, 8411060330.

8411060355 Answer to intervenor Del-Aware Unlimited, Inc. revised Contentions V-14 & V-16. Proposed contentions should be denied & Del-Aware dismissed as party. Certificate of Svc encl.
RADER, R.M. Philadelphia Electric Co. RADER, R.M. Conner & Wetterhahn. #484 945. 84/11/02. Atomic Safety and Licensing Board Panel. 11pp. 27312:062. 24X Fiche: 50-352, 84/11/02, 8411060355.

8411060425 Applicant opposition to Del-Aware Unlimited, Inc. & Friends of the Earth motions for stay of ASLB 840829 second partial initial decision authorizing NRR to issue low power testing license. Certificate of Svc encl.
RADER, R.M. Philadelphia Electric Co. RADER, R.M. Conner & Wetterhahn. #484 893. 84/11/02. Atomic Safety and Licensing Board Panel. 47pp. 27316:125. 24X Fiche: 50-352, 84/11/02, 8411060425.

8411060598 Forwards FEMA prefiled testimony on offsite planning issues. w/o encl. Related correspondence.
HIRSCH, M.B. Federal Emergency Management Agency. #484 966. 84/11/02. Docketing & Services Branch. 1p. 27326:294. 24X Fiche: 50-352, 84/11/02, 8411060598.

8411060624 Requests issuance of subpoenas to witnesses having knowledge of particular matters re admitted contentions. Related correspondence.
ZITZER, P. Limerick Ecology Action. #484 987. 84/11/02. HOYT, H., HARBOUR, J., COLE, R. Atomic Safety and Licensing Board Panel. 9pp. 27327:124. 24X Fiche: 50-352, 84/11/02, 8411060624.

--8411060626 Application for issuance of subpoena directing M Bollinger to testify on offsite emergency planning contentions. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27327:133. 24X Fiche: 50-352, 84/11/02, 8411060626.

--8411060627 Application for issuance of subpoena directing B Greaser, President of Souderton Area Education Assoc. to testify on offsite emergency planning contentions. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27327:135. 24X Fiche: 50-352, 84/11/02, 8411060627.

--8411060628 Application for issuance of subpoena directing D Young, President of Perkiomen Valley Education Assoc. to testify re offsite emergency planning contentions. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27327:137. 24X Fiche: 50-352, 84/11/02, 8411060628.

DOCKETED ITEMS

- B411060633 Application for issuance of subpoena directing school district superintendents to testify on risk of school district radiological emergency response plans covered by admitted Contentions 11, 12, 14 & 15. Related correspondence. ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 26pp. 27327:139. 24X Fiche: 50-352, 84/11/02, B411060624.
- B411060632 Transcript of testimony on Contention LEA-13 (Day Care). Related correspondence. * Limerick Ecology Action. 84/11/02. 95pp. 27327:166. 24X Fiche: 50-352, 84/11/02, B411060624.
- B411060625 Application for issuance of subpoena directing N Vutz to testify at evidentiary hearings on offsite emergency planning contentions re traffic congestion in vicinity of Valley Forge Park. Related correspondence. ZITZER, P., STONE, D. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27327:261. 24X Fiche: 50-352, 84/11/02, B411060624.
- B411060629 Application for issuance of subpoena directing T Fewless to testify at evidentiary hearing on offsite emergency planning contentions re traffic congestion within & bordering Valley Forge Natl Park. Related correspondence. * STONE, D., ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 4pp. 27327:263. 24X Fiche: 50-352, 84/11/02, B411060624.
- B411060631 Application for issuance of subpoena directing R Fetzters to testify at evidentiary hearing on offsite emergency planning contentions re traffic congestion in Marsh Creek State Park. Related correspondence. STONE, D., ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 7pp. 27327:267. 24X Fiche: 50-352, 84/11/02, B411060624.
- B411060630 Application for issuance of subpoena directing J Waters to testify re offsite emergency planning contentions on traffic congestion in vicinity of Valley Forge Natl Park. Certificate of Svc encl. Related correspondence. ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 36pp. 27327:274. 24X Fiche: 50-352, 84/11/02, B411060624.
- B411070009 Staff response opposing Anthony/Friends of the Earth & Del-Aware Unlimited, Inc. B41023 & 25 requests for stay of ASLAB 841015 order confirming low power authorization. Certificate of Svc encl. VOGLER, B. H., HODGSON, A. P. Hearing Branch 2. #484 989. 84/11/02. Atomic Safety and Licensing Board Panel. 15pp. 27359:125. 24X Fiche: 50-352, 84/11/02, B411070009.
- B411090302 Forwards request for subpoena to obtain testimony of J Waters, emergency manager & fire marshall for Lower Merion Township, Montgomery County, re Contention LEA-24. W/o encl. Related correspondence. ZITZER, P. Limerick Ecology Action. #484 023. 84/11/04. HOYT, H. HARBOUR, J., COLE, R. Atomic Safety and Licensing Board Panel. 1p. 27402:083. 24X Fiche: 50-352, 84/11/04, B411090302.
- B411060559 Memorandum & order denying Friends of the Earth motion for stay & Del-Aware Unlimited, Inc. petition for stay of ASLAB 841015 order authorizing low power license. Served on B41106. TOMPKINS, B. A. Atomic Safety and Licensing Appeal Panel. #484 958. 84/11/05. Office of the Executive Legal Director. 9pp. 27326:251. 24X Fiche: 50-352, 84/11/05, B411060559.
- B411060597 Informs of Chairman Palladino B41129 tour of facility. Party representatives invited to attend. Notification of attendance should be made no later than B41127. Served on B41106. GARNER, D. J. Commissioners. #484 952. 84/11/05. Office of the Executive Legal Director. 1p. 27326:295. 24X Fiche: 50-352, 84/11/05, B411060597.
- cting R Feicht to appear on B41128 in
tify on behalf of Limerick Ecology
Licensing Board Panel. #484 020.
tion Not Assigned. 1p. 27399:194. 24X
- on B41126 in
ecology
#484 022.
1p. 27399:360.
- B411090284 Requests subpoena directing M Bollinger to testify on behalf of Limerick Ecology Action. Related correspondence. ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 1p. 27399:361. 24X Fiche: 50-352, 84/11/05, B411090280.
- B411090289 Discusses concern of teachers assoc re passage of emergency action plan w/o specific knowledge of number of supervisory personnel available to deal w/ students. Related correspondence. BOLLINGER, M. Pottstown, PA. 84/11/01. HOYT, H. Atomic Safety and Licensing Board Panel. 1p. 27399:362. 24X Fiche: 50-352, 84/11/05, B411090280.
- B411090300 Subpoena directing B Fetzters to appear on B41127 in Philadelphia, PA on behalf of Limerick Ecology Action, Inc. Served on B41108. HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 019. 84/11/05. FETTERS, R. Affiliation Not Assigned. 1p. 27402:084. 24X Fiche: 50-352, 84/11/05, B411090300.
- B411090308 Subpoena directing B Greaser to appear on B41128 in Philadelphia, PA to testify on behalf of Limerick Ecology Action on emergency planning contentions. Served on B41108. HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 017. 84/11/05. GREASER, B. Affiliation Not Assigned. 1p. 27399:195. 24X Fiche: 50-352, 84/11/05, B411090308.
- B411090317 Subpoena directing LP Warner to appear on B41128 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on B41108. HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 012. 84/11/05. WARNER, L. P. Limerick Ecology Action. 5pp. 27398:326. 24X Fiche: 50-352, 84/11/05, B411090317.
- B411090318 Subpoena directing T Pershing to appear on B41128 in Philadelphia, PA on behalf of Limerick Ecology Action. Served on B41108. HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 015. 84/11/05. PERSHING, T. Affiliation Not Assigned. 1p. 27400:062. 24X Fiche: 50-352, 84/11/05, B411090318.
- B411090323 Subpoena directing N Vutz to appear on B41128 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on B41108. HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 014. 84/11/05. VUTZ, N. Limerick Ecology Action. 1p. 27400:124. 24X Fiche: 50-352, 84/11/05, B411090323.
- B411090334 Subpoena directing RC Claypool to appear on B41126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on B41108. HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 021. 84/11/05. CLAYPOOL, R. C. Affiliation Not Assigned. 18pp. 27399:061. 24X Fiche: 50-352, 84/11/05, B411090334.
- B411090336 Subpoena directing WD Wescott to appear on B41126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on B41106. HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 010. 84/11/05. WESCOTT, W. D. Limerick Ecology Action. 1p. 27399:082. 24X Fiche: 50-352, 84/11/05, B411090336.
- B411090338 Subpoena directing D Young to appear on B41126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on B41106. HOYT, H. F. Atomic Safety and Licensing Board Panel. 84/11/05. YOUNG, D. Limerick Ecology Action. 1p. 27399:083. 24X Fiche: 50-352, 84/11/05, B411090336.
- B411090342 Application requesting issuance of subpoena to obtain testimony of D Young re offsite emergency planning contentions. D Young ltr of response to questions to be addressed at B41119 hearings encl. Served on B41108. ZITZER, P. Limerick Ecology Action. 84/11/08. Atomic Safety and Licensing Board Panel. 2pp. 27399:084. 24X Fiche: 50-352, 84/11/05, B411090336.
- B411090337 Subpoena directing TJ Fewless to appear on B41127 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on B41108. HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 018. 84/11/05. FEWLESS, T. J. Affiliation Not Assigned. 1p. 27399:060. 24X Fiche: 50-352, 84/11/05, B411090337.
- B411090340 Subpoena directing RB Murray to appear on B41126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on B41108. HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 016. 84/11/05. MURRAY, R. B. Affiliation Not Assigned. 3pp. 27399:079. 24X Fiche: 50-352, 84/11/05, B411090340.

DOCKETED ITEMS

181

8411090348 Subpoena directing RS Price to appear on 841128 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 013. 84/11/05. PRICE, R. S. Limerick Ecology Action. 1p. 27400:132. 24X
Fiche: 50-352, 84/11/05, 8411090348.

8411090350 Subpoena directing W Welliver to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 011. 84/11/05. WELLIVER, W. Limerick Ecology Action. 2pp. 27398:331. 24X
Fiche: 50-352, 84/11/05, 8411090350.

8411070145 Order extending time until 841214 for Commission to act to review ALAB-785. Served on 841106.
CHILK, S. J. Office of the Secretary of the Commission. #484 996. 84/11/06. Commissioners. 1p. 27364:347. 24X
Fiche: 50-352, 84/11/06, 8411070145.

8411200209 Comments of adequacy of emergency evacuation plans to protect public. Expresses concern over vulnerability of children in schools & problems w/ busing during evacuation. Served on 841119.
DUFOR, K. Affiliation Not Assigned. #484 189. 84/11/06. Commissioners. 4pp. 27378:152. 24X
Fiche: 50-352, 84/11/06, 8411200209.

8411090273 Response to Del-Aware Unlimited, Inc re two reformulated contentions per ALAB-785. Admission of contentions opposed. Certificate of Svc encl.
HODGSON, A. P. Hearing Branch 2. #484 047. 84/11/07. Atomic Safety and Licensing Board Panel. 11pp. 27401:072. 24X
Fiche: 50-352, 84/11/07, 8411090273.

8411090440 Rulings in response to parties 841101 joint rept on offsite emergency planning hearings scheduled to begin on 841119. ASLB approves parties agreement that hearings should begin w/ Limerick Ecology Action contentions. Served on 841109.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 062. 84/11/08. Office of the Executive Legal Director. 2pp. 27416:076. 24X
Fiche: 50-352, 84/11/08, 8411090440.

8411090471 Memorandum & order rejecting Del-Aware revised & resubmitted environ Contentions V-14 & V-16. Del-Aware no longer party in proceeding. Served on 841109.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 066. 84/11/08. Del-Aware Unlimited, Inc. 5pp. 27416:111. 24X
Fiche: 50-352, 84/11/08, 8411090471.

8411130603 Motion to strike certain testimony by Limerick Ecology Action on offsite emergency planning contentions. Certificate of Svc encl. Related correspondence.
CONNER, T. B. Philadelphia Electric Co. CONNER, T. B. Conner & Wetterhahn. #484 072. 84/11/08. Atomic Safety and Licensing Board Panel. 11pp. 27458:280. 24X
Fiche: 50-352, 84/11/08, 8411130603.

8411140133 Request for 1-wk extension of time to file testimony on Limerick Ecology Action (LEA) deferred offsite emergency planning contentions (LEA-1, 2, 3, 5 & 23). LEA 841107 telegram submitting request encl. Related correspondence.
ZITZER, P. Limerick Ecology Action. #484 113. 84/11/08. Atomic Safety and Licensing Board Panel. 1p. 27466:343. 24X
Fiche: 50-352, 84/11/08, 8411140133.

--8411140162 Requests 1-wk extension of time to file testimony on deferred contentions (LEA-1, 2, 3, 5 & 23) from 841119 to 841126. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/07. Atomic Safety and Licensing Board Panel. 1p. 27466:344. 24X
Fiche: 50-352, 84/11/08, 8411140133.

8411150335 Advises that no basis exists for granting exemption from requirements of 10CFR50. App A re tornado impacts on cooling towers indicated in 841019 ltr. Supporting transcript pages encl. Related correspondence.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. SUGARMAN, R. J. Philadelphia Electric Co. #484 138. 84/11/08. DENTON, H. Office of Nuclear Reactor Regulation, Director. 6pp. 27528:151. 24X
Fiche: 50-352, 84/11/08, 8411150335.

8411290413 Corrected order on rulings in response to parties 841101 joint rept on hearing re offsite emergency planning. Served on 841128.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 337. 84/11/08. Office of the Executive Legal Director. 2pp. 27676:143. 24X
Fiche: 50-352, 84/11/08, 8411290413.

8411290413 Corrected order on rulings in response to parties 841101 joint rept on hearing re offsite emergency planning. Served on 841128.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 337. 84/11/08. 2pp. 27676:143. 24X
Fiche: 50-352, 84/11/08, 8411290413.

8411140008 Forwards 841109 motion for leave to file reply re stay & reply to NRC answer. Certificate of Svc encl.
LOCKE, R. T. Sugarman, Denworth & Hellegers. #484 076. 84/11/09. Docketing & Services Branch. 1p. 27467:129. 24X
Fiche: 50-352, 84/11/09, 8411140008.

--8411140011 Motion for leave to file reply to NRC brief in opposition to 841109 request for stay. Staff failed to address applicant reliance on supplemental cooling water sys for safety-related purposes.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/09. Atomic Safety and Licensing Appeal Panel. 7pp. 27467:130. 24X
Fiche: 50-352, 84/11/09, 8411140008.

--8411140014 Reply re NRC opposition to stay on grounds that supplemental CMS not safety-related. Stay should be granted as sought or recharacterized as motion to set aside.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/09. Atomic Safety and Licensing Appeal Panel. 7pp. 27467:137. 24X
Fiche: 50-352, 84/11/09, 8411140008.

--8411140017 Reply to NRC answer to applicant petition for Commission review of ALAB 785, asserting supplemental CMS not safety-related. Intervenor requests that Commission grant petition for review. Certificate of Svc encl.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/09. 10pp. 27467:144. 24X
Fiche: 50-352, 84/11/09, 8411140008.

8411210430 Motion for leave to file reply to NRC brief in opposition to 841109 request for stay. Denied by ASLB on 841120.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. #484 256. 84/11/09. Atomic Safety and Licensing Appeal Panel. 2pp. 27600:127. 24X
Fiche: 50-352, 84/11/09, 8411210430.

8411140489 Appeal from issuance of low power DL for Unit 1 & request for immediate stay. Claim made that plant cannot be safely operated at low power due to more than 20 safety exemptions.
ANTHONY, R. L. Anthony, R. L. #484 121. 84/11/10. Commissioners. 1p. 27491:033. 24X
Fiche: 50-352, 84/11/10, 8411140489.

8411270288 Advises that current radiological plans inadequate to provide protection for people living in vicinity of facility. Vote to deny DL at present time requested.
LEWIS, P. LEWIS, S. Affiliation Not Assigned. #484 303. 84/11/12. HOYT, H. F. HARBOUR, J. COLE, R. Atomic Safety and Licensing Board Panel. 2pp. 27635:237. 24X
Fiche: 50-352, 84/11/12, 8411270288.

8411190330 Forwards motion to strike portions of util testimony. Related correspondence.
BUSH, M. W. Philadelphia, PA. #484 154. 84/11/14. HOYT, H. F., COLE, R. F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 1p. 27553:348. 24X
Fiche: 50-352, 84/11/14, 8411190330.

--8411190339 Motion to strike certain portions of testimony of VS Boyer, MI Goldman, GD Kaiser, ER Schmidt & R Waller re City of Philadelphia Contentions City-18 & City 19. Certificate of Svc encl. Related correspondence.
BUSH, M. W. Philadelphia, PA. 84/11/14. HOYT, H. F., COLE, R. F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 8pp. 27553:349. 24X
Fiche: 50-352, 84/11/14, 8411190330.

8411200022 Motion for suspension of low power License NPF-27. Limerick Ecology Action (LEA) members among population exposed to risk & LEA will be irreparably damaged unless suspension granted. Certificate of Svc encl.
ELLIOTT, C. W. Limerick Ecology Action. ELLIOTT, C. W. Elliott, C. W. #484 213. 84/11/15. Atomic Safety and Licensing Appeal Panel. 8pp. 27579:038. 24X
Fiche: 50-352, 84/11/15, 8411200022.

8411200298 Advises that Del-Aware Unlimited will not file brief re appeal from ASLB decision to reaffirm authority to issue low power license. NRC obligated to conduct review.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. SUGARMAN, R. J. Del-Aware Unlimited, Inc. #484 221. 84/11/15. Atomic Safety and Licensing Appeal Panel. 1p. 27571:260. 24X
Fiche: 50-352, 84/11/15, 8411200298.

8411270327 Raises concerns re evacuation planning. Supply of buses in school districts involved to transport students to safe location in one run inadequate. Issuance of DL for facility should be denied. Served on 841126.
IRWIN, M. B. Affiliation Not Assigned. #484 305. 84/11/15. HOYT, H. F., HARBOUR, J. COLE, R. NRC - No Detailed Affiliation Given. 2pp. 27630:205. 24X
Fiche: 50-352, 84/11/15, 8411270327.

8411270350 Expresses opposition to plant. Problems re proximity to heavily populated areas & nuclear waste discussed.
POLLACK, D. Affiliation Not Assigned. #484 301. 84/11/15. HOYT, H. F. Atomic Safety and Licensing Board Panel. 3pp. 27628:358. 24X
Fiche: 50-352, 84/11/15, 8411270350.

DOCKETED ITEMS

- 8411200017 Notice that Commissioner Bernthal will not tour plant on 841121. Served on 841116.
* Commissioners. #484 196. 84/11/16. 1p. 27579:046. 24X
Fiche: 50-352, 84/11/16, 8411200017.
- 8411200183 Applicant response to request by Friends of the Earth to stay issuance of low power license to Philadelphia Electric Co. Certificate of Svc encl.
RADER, R.M. Philadelphia Electric Co. RADER, R.M. Conner & Wetterhahn. #484 205. 84/11/16. Commissioners. 6pp. 27577:102.
24X Fiche: 50-352, 84/11/16, 8411200183.
- 8411200349 Files notices of appearances for two addl lead intervenor representatives on offsite emergency planning to participate in hearings starting wk of 841119 in Philadelphia, PA. Certificate of Svc encl.
ZITZER, P. Limerick Ecology Action. #484 206. 84/11/16. HOYT, H., COLE, R.F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 5pp. 27571:334. 24X Fiche: 50-352, 84/11/16, 8411200349.
- 8411270238 Advises that future hearings should require persons testifying to state place of employment to prevent acceptance of biased opinions.
RANDOLPH, H.C. Affiliation Not Assigned. #484 302. 84/11/16. HOYT, NRC - No Detailed Affiliation Given. 3pp. 27632:360. 24X
Fiche: 50-352, 84/11/16, 8411270238.
- 8411270311 Informs that table of violations & deficiencies given to court recorder for inclusion in record of 841115 hearing. Served on 841126.
LEWIS, M.I. Lewis, M. LEWIS, M.I. Citizen Action in the Northeast. #484 300. 84/11/16. HOYT, H. NRC - No Detailed Affiliation Given. 1p. 27631:146. 24X Fiche: 50-352, 84/11/16, 8411270311.
- 8411210409 Forwards HY Mayerson notice of appearance to conduct cross examination of witnesses at 841119 evidentiary hearings on Contention LEA-24 in Philadelphia, PA. Certificate of Svc encl.
ZITZER, P. Limerick Ecology Action. #484 247. 84/11/17. HOYT, H., COLE, R.F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 4pp. 27600:107. 24X Fiche: 50-352, 84/11/17, 8411210409.
- 8411200237 Informs of svc list change of address.
ELLIOTT, C.W. Limerick Ecology Action. ELLIOTT, C.W. Elliott, C.W. #484 215. 84/11/19. 1p. 27577:346. 24X Fiche: 50-352, 84/11/19, 8411200237.
- 8411200285 Memorandum to parties informing that Commissioner Bernthal will tour plant on 841126. Notification of attendance must be made by 841123. Served on 841119.
* Commissioners. #484 186. 84/11/19. 1p. 27573:121. 24X
Fiche: 50-352, 84/11/19, 8411200285.
- 8411260006 Order dismissing Del-Aware Unlimited, Inc appeal from ASLB 841015 order.
SHOEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 274. 84/11/21. Del-Aware Unlimited, Inc. 2pp. 27613:292. 24X
Fiche: 50-352, 84/11/21, 8411260006.
- 8411260106 Forwards correspondence & documents re emergency planning among applicant, NRC staff, Commonwealth of PA & other govt agencies per ASLB 820601 order. Svc list encl. Related correspondence.
CULLEN, E.J. Philadelphia Electric Co. #484 271. 84/11/21. ZITZER, P. Limerick Ecology Action. 195pp. 27616:137. 24X
Fiche: 50-352, 84/11/21, 8411260106.
- 8411270228 Order dismissing Del-Aware Unlimited, Inc appeal from ASLB 841015 memorandum & order reaffirming 840829 decision authorizing issuance of low power license to applicant. Served on 841123.
SHOEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 295. 84/11/21. Del-Aware Unlimited, Inc. 2pp. 27635:188. 24X
Fiche: 50-352, 84/11/21, 8411270228.
- 8411260087 Memorandum & order dismissing motion for suspension of low power license due to applicant filing more than 2 months late & failure to ask or explain delay. Served on 841123.
SHOEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 239. 84/11/23. Limerick Ecology Action. 4pp. 27616:343. 24X
Fiche: 50-352, 84/11/23, 8411260087.
- 8411270301 Requests appeal of ASLB 841023 second Partial Initial Decision LBP-84-31 on Contentions V-3a & V-3b re danger from fuel & gas pipelines at facilities. ASLB should reverse ASLB decision & grant requested relief.
ANTHONY, R.L. Friends of the Earth. ANTHONY, R.L. Anthony, R.L. #484 304. 84/11/23. 3pp. 27635:133. 24X Fiche: 50-352, 84/11/23, 8411270301.
- 8411270303 Rebuttal of applicant 840518 reply on Contentions V-3a & V-3b re safety-related structures. Six remedies listed in finding should be mitigated re hazards to safety-related structures set forth in record of hearings on contentions.
ANTHONY, R.L. Friends of the Earth. ANTHONY, R.L. Anthony, R.L. 84/06/06. 4pp. 27635:138. 24X Fiche: 50-352, 84/11/23, 8411270301.
- 8411270329 Response to unauthorized reply by Del-Aware Unlimited, Inc. requesting Commission response on review of ALAB-785. Reply by Del-Aware unauthorized & should be stricken. Certificate of Svc encl.
RADER, R.M. Philadelphia Electric Co. RADER, R.M. Conner & Wetterhahn. #484 288. 84/11/23. 7pp. 27630:207. 24X
Fiche: 50-352, 84/11/23, 8411270329.
- 8411270385 Memorandum & order dismissing Limerick Ecology Action, Inc motion to suspend Philadelphia Electric Co low power license. Served on 841123.
SHOEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 294. 84/11/23. Limerick Ecology Action. 4pp. 27628:258. 24X
Fiche: 50-352, 84/11/23, 8411270385.
- 8411280278 Response in opposition to Anthony/Friends of the Earth appeal of issuance of low power license & request for stay. Certificate of Svc encl.
VOGLER, B.H. Hearing Branch 2. #484 316. 84/11/26. Commissioners. 14pp. 27667:015. 24X Fiche: 50-352, 84/11/26, 8411280278.
- H. General correspondence
- 8411010347 Expresses support for completion of Point Pleasant pumping station, based on demand for water & relief from public tax burden through util contributions to project.
PAINE, A.J. Affiliation Not Assigned. 84/10/26. NRC - No Detailed Affiliation Given. 1p. 27229:162. 24X Fiche: 50-352, 84/10/26, 8411010347.
- 841120352 Expresses disgust over ongoing attempts to halt plant const & questions need for further studies which drive up const costs.
ROUSH, J.L. Affiliation Not Assigned. 84/11/05. NRC - No Detailed Affiliation Given. 2pp. 27426:229. 24X Fiche: 50-352, 84/11/05, 841120352.
- 8411140361 Opposes full power DL for facility, due to nebulous & essentially untested evacuation plans.
JAFKE, L.L. Affiliation Not Assigned. 84/11/08. NRC - No Detailed Affiliation Given. 1p. 27470:057. 24X Fiche: 50-352, 84/11/08, 8411140361.
- 8411270397 Opposes const & operation of facility. Present day engineering technology not sophisticated enough to provide absolutely safe nuclear reactor designs.
KANE, D. Affiliation Not Assigned. 84/11/14. NRC - No Detailed Affiliation Given. 2pp. 27628:234. 24X Fiche: 50-352, 84/11/14, 8411270397.
- 8411270367 Requests project be abandoned due to emissions of low level radiation into air & water & only 20 yr life expectancy of plant.
MINER, R.A. Affiliation Not Assigned. 84/11/16. NRC - No Detailed Affiliation Given. 1p. 27629:038. 24X Fiche: 50-352, 84/11/16, 8411270367.
- 8411270128 Requests denial of DL to facility because of inadequate evacuation plans.
DESCH, P.J. Affiliation Not Assigned. 84/11/18. NRC - No Detailed Affiliation Given. 1p. 27629:253. 24X Fiche: 50-352, 84/11/18, 8411270128.
- J. Insurance & indemnity information
- 8411080402 Unexecuted Amend 1 to Indemnity Agreement B-101.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/10/26. 2pp. 27405:272. 24X Fiche: 50-352, 84/10/26, 8411080402.
- 8411190380 Forwards executed Amend 1 to Indemnity Agreement B-101, per NRC 841026 ltr.
BRADLEY, E.J. Philadelphia Electric Co. 84/11/14. EISENHUT, D.G. Division of Licensing. 3pp. 27551:108. 24X Fiche: 50-352, 84/11/14, 8411190380.
- K. Utility Final Safety Analysis Report (FSAR) & amends
- 8411020305 Forwards Rev 37 to FSAR (filed in PDR Category K).
BRADLEY, E.J. Philadelphia Electric Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27296:115. 24X
Fiche: 50-352, 84/10/31, 8411020305.

DOCKETED ITEMS

183

--B411020319 Rev 37 to FSAR for Limerick Generating Station. Sixteen oversize drawings encl. Aperture cards available in PDR.
* Philadelphia Electric Co. 84/10/31. 300pp. 27296:130. 24X
Fiche: 50-352, 84/10/31, B411020305.

B411160286 Forwards Affidavit of Svc re distribution of Rev 37 to FSAR, per DE Eisenhut 810706 ltr.
BRADLEY, E. J. Philadelphia Electric Co. 84/11/13. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 3pp. 27537:304. 24X
Fiche: 50-352, 84/11/13, B411160286.

D. Advisory Committee on Reactor Safeguards reports & correspondence

B411280593 Forwards ACRS B41106 rept to Chairman Palladino re OL application.
SCHWENCER, A. Licensing Branch 2. 84/11/16. BAUER, E. G. Philadelphia Electric Co. 4pp. 27682:048. 24X
Fiche: 50-352, 84/11/16, B411280593.

--B411280594 Submits rept re OL application. Unit 1 can be operated at power levels up to 3,293 MWT w/o undue risk to public health & safety. D Okrent comments provided.
WARD, D. A. ACRS - Advisory Committee on Reactor Safeguards. 84/11/06. PALLADINO, N. J. Commissioners. 3pp. 27682:052. 24X
Fiche: 50-352, 84/11/16, B411280593.

P. Operating license stage documents & correspondence

B411160486 Forwards License NPF-27, FR notice of issuance, Amend 1 to Indemnity Agreement B-101 & assessment of effects of license duration on matters discussed in FES. License NPF-27 authorizes operation of station at 100% rated power.
EISENHUT, D. G. Division of Licensing. 84/10/26. BAUER, E. G. Philadelphia Electric Co. 7pp. 27548:206. 24X
Fiche: 50-352, 84/10/26, B411160486.

--B411160489 License NPF-27 for Limerick Generating Station Unit 1.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 84/10/26. 16pp. 27548:213. 24X
Fiche: 50-352, 84/10/26, B411160486.

--B411160494 Notice of issuance of License NPF-27.
SCHWENCER, A. Licensing Branch 2. 84/10/26. 7pp. 27548:229. 24X
Fiche: 50-352, 84/10/26, B411160486.

--B411160501 Environ protection plan (nonradiological) for facilities, App B to License NPF-27.
* Office of Nuclear Reactor Regulation, Director. 84/10/26. 20pp. 27548:236. 24X
Fiche: 50-352, 84/10/26, B411160486.

B411130680 TECHNICAL SPECIFICATIONS FOR LIMERICK GENERATING STATION, UNIT No. 1. Docket No. 50-352, (Philadelphia Electric Company)
HOFFMAN, D. R. Division of Licensing. NUREG-1088. 84/10/31. 500pp. 27470:058. 24X
Fiche: 50-352, 84/10/30, B411130680.

B411140268 Suggests total lack of basis for granting until B41019 request for exemption from App A requirements under 10CFR50.12 re tornado impacts on cooling towers. Util shows no actual alternative supplemental water source.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/08. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 6pp. 27469:008. 24X
Fiche: 50-352, 84/11/08, B411140268.

B411140008 Forwards B41109 motion for leave to file reply re stay & reply to NRC answer. Certificate of Svc encl.
LOCKE, R. T. Sugarman, Denworth & Hellegers. #484 076. 84/11/09. Docketing & Services Branch. 1p. 27467:129. 24X
Fiche: 50-352, 84/11/09, B411140008.

--B411140011 Motion for leave to file reply to NRC brief in opposition to B41109 request for stay. Staff failed to address applicant reliance on supplemental cooling water sys for safety-related purposes.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/09. Atomic Safety and Licensing Appeal Panel. 7pp. 27467:130. 24X
Fiche: 50-352, 84/11/09, B411140008.

--B411140014 Reply re NRC opposition to stay on grounds that supplemental CNS not safety-related. Stay should be granted as sought or recharacterized as motion to set aside.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/09. Atomic Safety and Licensing Appeal Panel. 7pp. 27467:137. 24X
Fiche: 50-352, 84/11/09, B411140008.

--B411140017 Reply to NRC answer to applicant petition for Commission review of ALAB 783, asserting supplemental CNS not safety-related. Intervenor requests that Commission grant petition for review. Certificate of Svc encl.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/09. 10pp. 27467:144. 24X
Fiche: 50-352, 84/11/09, B411140008.

B411270362 Submits renewed, amended & updated petition under 2.206, urging NRC to require that util provide Commission full disclosure of intended sources & environ consequences prior to issuing full power OL.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/21. DENTON, H. Office of Nuclear Reactor Regulation, Director. 2pp. 27628:356. 24X
Fiche: 50-352, 84/11/21, B411270362.

G. Inspection reports, IE Bulletins & correspondence

B411030093 Forwards Exam Repts 50-352/B4-15 & 50-352/B4-23 during wks of 840227 & 0507, respectively.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/03. KEMPER, J. S. Philadelphia Electric Co. 2pp. 27288:001. 24X
Fiche: 50-352, 84/10/03, B411030093.

--B411030105 Exam Repts 50-352/B4-15 & 50-352/B4-23 on 840227-0307 & 0507-18, respectively. Exam results: 13 out of 25 passed reactor operator & 19 out of 32 passed senior reactor operator exams.
BERRY, J. J. KELLY, R. M. Region 1, Office of Director. 84/09/28. 7pp. 27288:003. 24X
Fiche: 50-352, 84/10/03, B411030093.

B411010004 Forwards Insp Rept 50-352/B4-47 on 840827-31. No violation noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/04. KEMPER, J. S. Philadelphia Electric Co. 4pp. 27249:083. 24X
Fiche: 50-352, 84/10/04, B411010004.

--B411010006 Insp Rept 50-352/B4-47 on 840827-31. No violation or deviation noted. Major areas inspected: safe shutdown capability of plant in event of fire & licensee fire protection/prevention program.
PULLANI, S. V., KRASOPOULOS, A., ANDERSON, C. J. Region 1, Office of Director. 84/09/21. 22pp. 27249:087. 24X
Fiche: 50-352, 84/10/04, B411010004.

B411010046 Forwards Insp Rept 50-352/B4-42 on 840726-0803. No violation noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/05. KEMPER, J. S. Philadelphia Electric Co. 4pp. 27250:166. 24X
Fiche: 50-352, 84/10/05, B411010046.

--B411010050 Insp Rept 50-352/B4-42 on 840726-0803. No violation noted. Major areas inspected: preoperational containment structural integrity test & containment integrated leak rate test, procedure review, test witnessing & test review results.
VITO, D. J. Region 1, Office of Director. BETTENHAUSEN, L. Division of Engineering & Technical Programs. 84/09/21. 12pp. 27250:170. 24X
Fiche: 50-352, 84/10/05, B411010046.

B411020254 Forwards response to NRC 840914 ltr re violations noted in Insp Rept 50-352/B4-27.
KEMPER, J. S. Philadelphia Electric Co. 84/10/12. MURLEY, T. E. Region 1, Office of Director. 1p. 27253:354. 24X
Fiche: 50-352, 84/10/12, B411020254.

--B411020260 Responds to open item from Insp Rept 50-352/B4-27 re instrument conduit entrances not sealed in high humidity areas. Corrective actions: review of plant environ conditions under normal & abnormal operating modes completed.
KEMPER, J. S. Philadelphia Electric Co. 84/08/29. STAROSTECKI, R. Division of Project & Resident Programs. 4pp. 27233:357. 24X
Fiche: 50-352, 84/10/12, B411020254.

B411120063 Forwards Insp Rept 50-352/B4-46 on 840815-0907. No violations noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/17. KEMPER, J. S. Philadelphia Electric Co. 2pp. 27437:352. 24X
Fiche: 50-352, 84/10/17, B411120063.

--B411120070 Insp Rept 50-352/B4-46 on 840815-0901. No violations noted. Major areas inspected: followup on previous insp items, preoperational test procedure results & QA/GA for startup program & determination of reactor low power level.
BRIGGS, L., BLUMBERG, N., FLOREX, D. Region 1, Office of Director. 84/10/01. 9pp. 27437:354. 24X
Fiche: 50-352, 84/10/17, B411120063.

B411120260 Forwards IE Investigation Rept 1-82-065 showing examples of falsification of records by Bechtel employees at Susquehanna Unit 1. Util should assure that Bechtel activities at facilities adequately controlled & monitored.
MURLEY, T. E. Region 1, Office of Director. 84/10/17. KEMPER, J. S. Philadelphia Electric Co. 2pp. 27437:003. 24X
Fiche: 50-000, 84/10/17, B411120260.

B411130504 Forwards Insp Repts 50-352/B4-49 & 50-353/B4-12 on 840901-30. W/o notice of violation.
KISTER, H. B. Division of Project & Resident Programs. 84/10/19. KEMPER, J. S. Philadelphia Electric Co. 2pp. 27463:114. 24X
Fiche: 50-352, 84/10/19, B411130504.

DOCKETED ITEMS

--8411130508 Insp Repts 50-352/84-49 & 50-353/84-12 on 840901-30. Violations unidentified.
CHAUDHARY, S.K., WIGGINS, J.T., BORCHARDT, R.W. Region 1, Office of Director. 84/10/16. 30pp. 27463:116. 24X Fiche: 50-352, 84/10/19, 8411130504.

8411140362 Completes response to IE Bulletin 79-07 re seismic stress analysis of safety-related piping. Computer codes identified in Item 1 of bulletin not used for seismic stress analysis of piping.
KEMPER, J.S. Philadelphia Electric Co. 84/10/22. MARTIN, T.T. Region 1, Office of Director. 4pp. 27467:179. 24X Fiche: 50-352, 84/10/22, 8411140362.

8411160044 Forwards Insp Rept 50-352/84-50 on 840906, 07, 10-14, 17 & 21. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/24. KEMPER, J.S. Philadelphia Electric Co. 4pp. 27544:012. 24X Fiche: 50-352, 84/10/24, 8411160044.

--8411160047 Insp Rept 50-352/84-50 on 840906, 07, 10-14, 17 & 21. No violations noted. Major areas inspected: startup test program procedures & GA/GC interfaces w/startup test program.
BLUMBERG, N., BETTENHAUSEN, L. Region 1, Office of Director. 84/10/15. 14pp. 27544:016. 24X Fiche: 50-352, 84/10/24, 8411160044.

8411130575 Concurs w/841022 request for extension of date for completion of Emergency Preparedness Appraisal Rept 50-352/84-18 items from fuel load to initial criticality.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/25. KEMPER, J.S. Philadelphia Electric Co. 3pp. 27461:287. 24X Fiche: 50-352, 84/10/25, 8411130575.

--8411130581 Requests extension of completion date from fuel load to initial criticality for Emergency Preparedness Appraisal Rept 50-352/84-18 item re emergency notification sys & technical support ctr ventilation sys.
DALTROFF, S.L. Philadelphia Electric Co. 84/10/22. MURLEY, T.E. Region 1, Office of Director. 3pp. 27461:290. 24X Fiche: 50-352, 84/10/25, 8411130575.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411090267 Responds to NRC 841004 ltr re violations noted in Insp Rept 50-352/84-29. Corrective actions: Procedure 80A1563 re ultrasonic exam revised to require completion of calibr data sheet when evaluation needs verification.
KEMPER, J.S. Philadelphia Electric Co. 84/10/31. MURLEY, T.E. Region 1, Office of Director. 4pp. 27400:348. 24X Fiche: 50-352, 84/10/31, 8411090267.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411290002 Forwards Exam Rept 50-352/84-40 of exam administered during wk of 840813.
GREENMAN, E.G. Division of Project & Resident Programs. 84/11/03. KEMPER, J.S. Philadelphia Electric Co. 2pp. 27719:254. 24X Fiche: 50-352, 84/11/03, 8411290002.

--8411290008 Exam Rept 50-352/84-40 on 840814-15. Exam results: 13 candidates passed & 2 failed.
BERRY, J., KELLER, R.M. Region 1, Office of Director. 84/10/25. 76pp. 27719:256. 24X Fiche: 50-352, 84/11/03, 8411290002.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411090161 Submits evaluation in response to IE Bulletin 84-03 re refueling cavity water seal. Gross failure of refueling seal sys & resulting consequences considered incredible. Refueling bellows & inflatable ring seals arrangement encl.
KEMPER, J.S. Philadelphia Electric Co. 84/11/06. MURLEY, T.E. Region 1, Office of Director. 6pp. 27398:317. 24X Fiche: 50-352, 84/11/06, 8411090161.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411290429 Forwards Insp Rept 50-352/84-58 on 841009-12. No violation noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/08. KEMPER, J.S. Philadelphia Electric Co. 4pp. 27721:181. 24X Fiche: 50-352, 84/11/08, 8411290429.

--8411290432 Insp Rept 50-352/84-58 on 841009-12. No violation noted. Major areas inspected: nonradiological chemical program GA of analytical measurements & procedures, staffing & training.
ZIBULSKY, H., PASCIAK, W.J. Region 1, Office of Director. 84/11/07. 4pp. 27721:185. 24X Fiche: 50-352, 84/11/08, 8411290429.

8411160143 Forwards Insp Rept 50-352/84-62 on 841015-19. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/09. KEMPER, J.S. Philadelphia Electric Co. 4pp. 27539:066. 24X Fiche: 50-352, 84/11/09, 8411160143.

--8411160147 Insp Rept 50-352/84-62 on 841015-19. No violations noted. Major areas inspected: transfer of plant sys from startup group to plant staff & licensee action on previous insp findings.
BISSETT, P., DEV, M., EAPEN, P.K. Region 1, Office of Director. 84/11/06. 5pp. 27539:070. 24X Fiche: 50-352, 84/11/09, 8411160143.

8411160383 Ack receipt of 841012 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-352/84-27.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/09. DALTROFF, S.L. Philadelphia Electric Co. 4pp. 27536:350. 24X Fiche: 50-352, 84/11/09, 8411160383.

8411200277 Informs of adherence to guidelines of 840419 Generic Ltr 84-11 requesting info re insps for IGSCC & leakage detection, including stainless steel welds susceptible to IGSCC. No mods or further action required.
KEMPER, J.S. Philadelphia Electric Co. 84/11/09. EISENHUT, D.G. Division of Licensing. 3pp. 27573:122. 24X Fiche: 50-352, 84/11/09, 8411200277.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411270214 Forwards Insp Rept 50-352/84-55 on 840919-21 & 24-28. No violation noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/20. KEMPER, J.S. Philadelphia Electric Co. 4pp. 27635:191. 24X Fiche: 50-352, 84/11/20, 8411270214.

--8411270218 Insp Rept 50-352/84-55 on 840919-21 & 24-28. No violation noted. Major areas inspected: licensee response to IE Bulletins 79-02 re pipe support base plate designs, 79-04, 79-07 & 79-14.
VARELA, A.A., MANOLY, K.A., DURR, J.P. Region 1, Office of Director. 84/11/16. 15pp. 27635:195. 24X Fiche: 50-352, 84/11/20, 8411270214.

8411270338 Forwards Insp Repts 50-352/84-60 & 50-353/84-13 on 841001-31. No violations noted.
KISTER, H.B. Division of Project & Resident Programs. 84/11/20. DALTROFF, S.J. Philadelphia Electric Co. 4pp. 27629:001. 24X Fiche: 50-352, 84/11/20, 8411270338.

--8411270369 Insp Repts 50-352/84-60 & 50-353/84-13 on 841001-31. No violations noted. Major areas inspected: followup on outstanding insp items, const deficiency repts & THM action items & witnessing of initial fuel load activities.
CHAUDHARY, S.K., WIGGINS, J.T., BORCHARDT, R.W. Region 1, Office of Director. 84/11/16. 21pp. 27629:005. 24X Fiche: 50-352, 84/11/20, 8411270338.

DOCKETED ITEMS

185

R. Periodic operating reports & related correspondence

8411030273 Forwards Bimonthly Status Rept 9 re independent design review of core spray sys for 840816-30. Next rept issued will be final Related correspondence.
CARPENTER, F.D. Torrey Pines Technology. #484 319. 84/10/01.
BOYER, V.S. Philadelphia Electric Co. 5pp. 27289:358. 24X
Fiche: 50-352, 84/10/01, 8411030273.

S. Reportable occurrences, LERs & related correspondence

8411050368 PNS-I-84-021: on 841030, one handgun & 18 rounds of ammunition found missing during security force weapons inventory. Search conducted w/negative results.
SMITH, O., KEIMIG, R. Region 1, Office of Director. 84/10/31. 1p.
27297:101. 24X Fiche: 50-352, 84/10/31, 8411050368.

8411260398 Updated Part 21 rept re missile door calculation errors. Initially reported on 840705. Calculations & designs reconciled w/respective customers. Doors qualified as meeting original project design requirements.
GODFREY, D.A. W.J. Woolley Co. 84/11/16. KEPLER, J.Q. Region 3, Office of Director. 1p. 27610:104. 24X Fiche: 50-000, 84/11/16, 8411260398.

T. Hearing transcripts on non-antitrust matters

8411060401 Forwards testimony of RJ Hippert, DF Taylor, EP Klynoot, RL Reber, HW Farrell, FN Starasinic, RC Furrer, MA Reilly, MA Worman & SA Runkle on Limerick Ecology Action offsite emergency planning contentions. Related correspondence.
FERKIN, Z.G. Pennsylvania, Commonwealth of. #484 944. 84/11/01.
HOYT, H.F., COLE, R.F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 2pp. 27314:149. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060405 Testimony of RH Hippert & DF Taylor re Limerick Ecology Action offsite emergency planning Contention LEA-11, 12, 13 14(a), 14(b), 15, 22 & 26. Prof qualifications encl. Related correspondence.
HIPPERT, R.J., TAYLOR, D.F. Pennsylvania, Commonwealth of. 84/11/01. 25pp. 27314:151. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060409 Testimony of EP Klynoot re Limerick Ecology Action Contention LEA-28(a) concerning Pennsylvania Army Natl Guard duties during possible emergency situation at plant. Prof qualifications encl. Related correspondence.
KLYNOOT, E.P. Pennsylvania, Commonwealth of. 84/11/01. 14pp. 27314:176. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060413 Testimony of RL Reber re Limerick Ecology Action offsite emergency planning Contentions LEA-12, 13, 14(a), 14(b), 22, 26 & 28(b). Prof qualifications encl. Related correspondence.
REBER, R.L. Pennsylvania, Commonwealth of. REBER, R.L. Berks County, PA. 84/11/01. 6pp. 27314:190. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060419 Testimony of HW Farrell & FN Starasinic re Limerick Ecology Action Contention LEA-28(b) concerning resources available for towing & snow removal on non-state roads. Supporting documentation encl. Related correspondence.
FARRELL, H.W., STARASINIC, F.N. Pennsylvania, Commonwealth of. 84/11/01. 15pp. 27314:196. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060472 Testimony of RC Furrer re Limerick Ecology Action offsite emergency planning Contention LEA-22 concerning Pennsylvania Dept of Agriculture data on farmers within plume of emergency planning zone. Related correspondence.
FURRER, R.C. Pennsylvania, Commonwealth of. 84/11/01. 3p. 27314:209. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060479 Testimony of MA Reilly re Limerick Ecology Action Contention LEA-12 concerning adequacy of bldgs for sheltering during radiological emergency. Related correspondence.
REILLY, M.A. Pennsylvania, Commonwealth of. 84/11/01. 3pp. 27314:212. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060485 Testimony of MA Worman re Limerick Ecology Action Contention LEA-12 concerning evacuation plans for school districts. Related correspondence.
WORMAN, M.A. Pennsylvania, Commonwealth of. 84/11/01. 6pp. 27314:215. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060490 Testimony of MA Reilly & SA Runkle re City of Philadelphia offsite emergency planning Contentions CITY-18 & 19 concerning protection of water supply in radiological emergency. Certificate of Svc encl. Related correspondence.
REILLY, M.A., RUNKLE, S.A. Pennsylvania, Commonwealth of. 84/11/01. 19pp. 27314:221. 24X Fiche: 50-352, 84/11/01, 8411060401.

8411060527 Testimony of B Aptowicz & TJ Kulesza describing City of Philadelphia water treatment sys & relation to emergency planning. Related correspondence.
APTOWICZ, B.S., KULESZA, T.J. Philadelphia, PA. #484 914. 84/11/02. 15pp. 27311:003. 24X Fiche: 50-352, 84/11/02, 8411060527.

--8411060535 Testimony of B Aptowicz & C Zitomer describing City of Philadelphia water supply & transmission sys. Related correspondence.
APTOWICZ, B., ZITOMER, C. Philadelphia, PA. 84/11/02. 6pp. 27311:018. 24X Fiche: 50-352, 84/11/02, 8411060527.

--8411060542 Testimony of B Aptowicz, C Zitomer & R Weiss discussing addl considerations that need to be developed in greater detail as part of implementable water supply emergency plan. W/ Certificate of Svc. Related correspondence.
APTOWICZ, B., ZITOMER, C., WEISS, R. Philadelphia, PA. 84/11/02. 36pp. 27311:024. 24X Fiche: 50-352, 84/11/02, 8411060527.

8411060607 Transcript of 841102 testimony re Limerick Ecology Action offsite emergency plan contentions. Related correspondence.
* Philadelphia Electric Co. #484 981. 84/11/02. 36pp. 27327:018. 24X Fiche: 50-352, 84/11/02, 8411060607.

--8411060611 Transcript of 841102 testimony re Contentions LEA-24/FOE-1. Related correspondence.
* Philadelphia Electric Co. 84/11/02. 18pp. 27327:054. 24X Fiche: 50-352, 84/11/02, 8411060607.

--8411060614 Transcript of VS Boyer, MI Goldman, OD Kaiser, ER Schmidt & R Waller testimony re City of Philadelphia Contentions City-18 & City-19. Related correspondence.
BOYER, V.S., GOLDMAN, M.I., KAISER, O.D. Philadelphia Electric Co. 84/11/02. 42pp. 27327:072. 24X Fiche: 50-352, 84/11/02, 8411060607.

8411060624 Requests issuance of subpoenas to witnesses having knowledge of particular matters re admitted contentions. Related correspondence.
ZITZER, P. Limerick Ecology Action. #484 987. 84/11/02. HOYT, H., HARBOUR, J., COLE, R. Atomic Safety and Licensing Board Panel. 9pp. 27327:124. 24X Fiche: 50-352, 84/11/02, 8411060624.

--8411060632 Transcript of testimony on Contention LEA-13 (Day Care). Related correspondence.
* Limerick Ecology Action. 84/11/02. 95pp. 27327:166. 24X Fiche: 50-352, 84/11/02, 8411060624.

8411070132 Transmittal of testimony of T Urbanik re Limerick Ecology Action-24/Friends of the Earth-1 offsite emergency planning contention. Related correspondence.
WRIGHT, N.A. Hearing Branch 2. #484 920. 84/11/02. Atomic Safety and Licensing Board Panel. 1p. 27364:349. 24X Fiche: 50-352, 84/11/02, 8411070132.

--8411070137 Testimony of T Urbanik re Limerick Ecology Action-24/Friends of the Earth-1 emergency planning contention. Related correspondence.
URBANIK, T. NRC - No Detailed Affiliation Given. URBANIK, T. Texas A&M Univ., College Station, TX. 84/11/02. 7pp. 27364:350. 24X Fiche: 50-352, 84/11/02, 8411070132.

8411060488 Testimony re admitted offsite emergency planning contentions. Prof qualifications of JR Asher, RZ Kincad & JH Keller encl. Related correspondence.
* Federal Emergency Management Agency. #484 938. 84/11/05. 109pp. 27315:063. 24X Fiche: 50-352, 84/11/05, 8411060488.

8411130626 Forwards testimony of TR Campbell on Limerick Ecology Action contentions re Chester County emergency plan & biographical summary of M Worman inadvertently omitted from 841101 ltr. Related correspondence.
FERKIN, Z.G. Pennsylvania, Commonwealth of. #484 074. 84/11/09.
HOYT, H.F., COLE, R.F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 1p. 27458:299. 24X Fiche: 50-352, 84/11/09, 8411130626.

--8411130630 Testimony of TR Campbell on Limerick Ecology Action contentions re offsite emergency planning. Related correspondence.
CAMPBELL, T.S. Chester County, PA. 84/11/09. 19pp. 27458:300. 24X Fiche: 50-352, 84/11/09, 8411130626.

8411210135 Transcript of 841115 hearing in Pottstown, PA. Pp 12, 314-12, 630. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. 84/11/15. 375pp. 27592:001. 24X Fiche: 50-352, 84/11/15, 8411210135.

8411260255 Transcript of 841116 hearing in Linfield, PA. Pp 12, 631-12, 722. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. 84/11/16. 113pp. 27609:015. 24X Fiche: 50-352, 84/11/16, 8411260255.

DOCKETED ITEMS

8411270339 Transcript of 841119 hearing in Philadelphia, PA re evidentiary presentations on emergency planning contentions. Pp 12, 723-12, 842. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. 84/11/19. 164pp. 27632:193. 24X Fiche: 50-352, 84/11/19, 8411270339.

8411270256 Transcript of 841120 hearing in Philadelphia, PA. Pp 12, 843-13, 079.
* Atomic Safety and Licensing Board Panel. 84/11/20. 237pp. 27634:253. 24X Fiche: 50-352, 84/11/20, 8411270256.

8411270195 Transcript of 841121 hearing in Philadelphia, PA. Pp 13, 080-13, 170.
* Atomic Safety and Licensing Board Panel. 84/11/21. 92pp. 27629:129. 24X Fiche: 50-352, 84/11/21, 8411270195.

8411270317 Testimony of R Bradshaw & R Klimm re Limerick Ecology Action deferred offsite emergency planning contentions. Certificate of Svc encl. Related correspondence.
BRADSHAW, R. KLIMM, R. Philadelphia Electric Co. #484 289. 84/11/26. 22pp. 27630:155. 24X Fiche: 50-352, 84/11/26, 8411270317.

8411290204 Transcript of 841126 hearing in Philadelphia, PA. Pp 13, 171-13, 301.
* Atomic Safety and Licensing Board Panel. 84/11/26. 131pp. 27678:059. 24X Fiche: 50-352, 84/11/26, 8411290204.

V. Operator Examinations

8411030093 Forwards Exam Repts 50-352/84-15 & 50-352/84-23 during wks of 840227 & 0507, respectively.
STAROSTECKI, R. Division of Project & Resident Programs. 84/10/03. KEMPER, J.S. Philadelphia Electric Co. 2pp. 27288:001. 24X Fiche: 50-352, 84/10/03, 8411030093.

--8411030105 Exam Repts 50-352/84-15 & 50-352/84-23 on 840227-0307 & 0507-18, respectively. Exam results: 13 out of 25 passed reactor operator & 19 out of 32 passed senior reactor operator exams.
BERRY, J., KELLY, R.M. Region 1, Office of Director. 84/09/28. 7pp. 27288:003. 24X Fiche: 50-352, 84/10/03, 8411030093.

8411020124 Staff requirements memo re Commission 841022 briefing in Washington, DC re status of near-term DLs & Asselstine request for info on status of operator training & operator exams.
CHILK, S.J. Office of the Secretary of the Commission. 84/10/24. DIRCKS, W.J. Office of the Executive Director for Operations. 1p. 27262:286. 24X Fiche: 50-000, 84/10/24, 8411020124.

8411290002 Forwards Exam Rept 50-352/84-40 of exam administered during wk of 840813.
GREENMAN, E.G. Division of Project & Resident Programs. 84/11/03. KEMPER, J.S. Philadelphia Electric Co. 2pp. 27719:254. 24X Fiche: 50-352, 84/11/03, 8411290002.

--8411290008 Exam Rept 50-352/84-40 on 840814-15. Exam results: 13 candidates passed & 2 failed.
BERRY, J., KELLER, R.M. Region 1, Office of Director. 84/10/25. 76pp. 27719:256. 24X Fiche: 50-352, 84/11/03, 8411290002.

DOCKET 50-353 LIMERICK GENERATING STATION, UNIT 2

A. Application/construction stage documents & correspondence

8411020241 Requests exemption from requirements of 10CFR50, App A, GDC 19 re capability to achieve hot & cold shutdown from outside control room. Redundant remote shutdown capability will be provided by making procedural & hardware changes.
KEMPER, J.S. Philadelphia Electric Co. 84/10/25. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 4pp. 27257:174. 24X Fiche: 50-352, 84/10/25, 8411020241.

841160486 Forwards License NPF-27, FR notice of issuance, Amend 1 to Indemnity Agreement B-101 & assessment of effects of license duration on matters discussed in FES. License NPF-27 authorizes operation of station at 100% rated power.
EISENHUT, D.G. Division of Licensing. 84/10/26. BAUER, E.G. Philadelphia Electric Co. 7pp. 27548:206. 24X Fiche: 50-352, 84/10/26, 841160486.

--841160501 Environ protection plan (nonradiological) for facilities. App B to License NPF-27.
* Office of Nuclear Reactor Regulation, Director. 84/10/26. 20pp. 27548:236. 24X Fiche: 50-352, 84/10/26, 841160486.

8411020305 Forwards Amend 73 to license application (filed in PDR Category A), Rev 11 to emergency plan (filed in PDR Category F) & Rev 37 to FSAR (filed in PDR Category K). W/16 oversize enclosures. Aperture cards available in PDR.
BRADLEY, E.J. Philadelphia Electric Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27296:115. 24X Fiche: 50-352, 84/10/31, 8411020305.

--8411020313 Amend 73 to application for DL, revising FSAR, Rev 37 & emergency plan, Rev 11.
BOYER, V.S. Philadelphia Electric Co. 84/10/31. 6pp. 27296:116. 24X Fiche: 50-352, 84/10/31, 8411020305.

841140268 Suggests total lack of basis for granting until 841019 request for exemption from App A requirements under 10CFR50.12 re tornado impacts on cooling towers. Util shows no actual alternative supplemental water source.
SUGARMAN, R.J. Sugarman, Denworth & Hellegers. 84/11/08. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 6pp. 27469:008. 24X Fiche: 50-352, 84/11/08, 841140268.

841140008 Forwards 841109 motion for leave to file reply re stay & reply to NRC answer. Certificate of Svc encl.
LOCKE, R.T. Sugarman, Denworth & Hellegers. #484 076. 84/11/09. Docketing & Services Branch. 1p. 24X Fiche: 50-352, 84/11/09, 841140008.

--841140011 Motion for leave to file reply to NRC brief in opposition to 841109 request for stay. Staff failed to address applicant reliance on supplemental cooling water sys for safety-related purposes.
SUGARMAN, R.J. Sugarman, Denworth & Hellegers. 84/11/09. Atomic Safety and Licensing Appeal Panel. 7pp. 24X Fiche: 50-352, 84/11/09, 841140008.

--841140014 Reply re NRC opposition to stay on grounds that supplemental CNS not safety-related. Stay should be granted as sought or recharacterized as motion to set aside.
SUGARMAN, R.J. Sugarman, Denworth & Hellegers. 84/11/09. Atomic Safety and Licensing Appeal Panel. 7pp. 24X Fiche: 50-352, 84/11/09, 841140008.

--841140017 Reply to NRC answer to applicant petition for Commission review of ALAB 785, asserting supplemental CNS not safety-related. Intervenor requests that Commission grant petition for review. Certificate of Svc encl.
SUGARMAN, R.J. Sugarman, Denworth & Hellegers. 84/11/09. 10pp. 24X Fiche: 50-352, 84/11/09, 841140008.

8411270362 Submits renewed, amended & updated petition under 2.206, urging NRC to require that util provide Commission full disclosure of intended sources & environ consequences prior to issuing full power DL.
SUGARMAN, R.J. Sugarman, Denworth & Hellegers. 84/11/21. DENTON, H. Office of Nuclear Reactor Regulation, Director. 2pp. 27628:336. 24X Fiche: 50-352, 84/11/21, 8411270362.

E. NRC Safety Evaluation Report (SER), suppl & correspondence

8411090445 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF LIMERICK GENERATING STATION, UNITS 1 & 2. DOCKET Nos. 50-352 And 50-353. (Philadelphia Electric Company)
* Division of Licensing. NUREG-0991 S02. 84/10/31. 128pp. Available at NRC. \$5.50. 27423:001. 24X Fiche: 50-352, 84/10/31, 8411090445.

8411210188 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF LIMERICK GENERATING STATION, UNITS 1 And 2. Docket Nos. 50-352 And 50-353. (Philadelphia Electric Company)
* Division of Licensing. NUREG-0991 S03. 84/10/31. 156pp. Available at NRC. \$5.50. 27619:087. 24X Fiche: 50-352, 84/10/31, 8411210188.

8411280544 Forwards SSER 2 & 3 (NUREG-0991). W/o encl.
SCHWENCER, A. Licensing Branch 2. 84/11/16. BAUER, E.G. Philadelphia Electric Co. 1p. 27682:107. 24X Fiche: 50-352, 84/11/16, 8411280544.

F. Security, medical, emergency & fire protection plans

841120438 Forwards revised emergency plan implementing procedures, including EP-102 re unusual event response, EP-103 re alert response, EP-104 re site emergency response & EP-105 re general emergency response. Related correspondence.
DALTRUFF, S.L. Philadelphia Electric Co. #484 631. 84/08/20. MURLEY, T.E. Region 1, Office of Director. SCHWENCER, A. Licensing Branch 2. 5pp. 27438:022. 24X Fiche: 50-352, 84/08/20, 841120438.

--8411120441 Revised emergency plan implementing procedures, including EP-102 re unusual event response, EP-103 re alert response, EP-104 re site emergency response & EP-105 re general emergency response. Related correspondence.
* Philadelphia Electric Co. 84/08/30. 242pp. 27438:027. 24X
Fiche: 50-352, 84/08/20, 8411120438.

8411030075 Draft 6 of "Borough of Boyertown, Berks County Radiological Emergency Response Plan for Incidents at Limerick Generating Station Implementing Procedures." Related correspondence.
* Boyertown, PA. #484 675. 84/09/30. 65pp. 27310:016. 24X
Fiche: 50-352, 84/09/30, 8411030075.

8411010176 Forwards public version of revised emergency plan implementing procedures, including EP-101 re classification of emergencies & EP-202 re operations support ctr activation. Related correspondence.
DALTROFF, S. L. Philadelphia Electric Co. #484 478. 84/10/11.
MURLEY, T. E. Region 1, Office of Director. SCHWENCER, A. Licensing Branch 2. 5pp. 27271:240. 24X Fiche: 50-352, 84/10/11, 8411010176.

--8411010322 Public version of revised emergency plan implementing procedures, including EP-101 re classification of emergencies & EP-202 re operations support ctr activation. Related correspondence.
* Philadelphia Electric Co. 84/09/27. 72pp. 27271:245. 24X
Fiche: 50-352, 84/10/11, 8411010176.

8411010058 Forwards Draft 6 of "Borough of Boyertown, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." for review & comment. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 648. 84/10/12. LAYMAN, R. Boyertown, PA. 1p. 27260:295. 24X Fiche: 50-352, 84/10/12, 8411010058.

--8411010065 Draft 6 of "Borough of Boyertown, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Boyertown, PA. 84/09/30. 52pp. 27260:296. 24X
Fiche: 50-352, 84/10/12, 8411010058.

8411010156 Forwards Draft 6 of radiological emergency response plan for review & comment. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 641. 84/10/12. HAGEY, K. S. Pennsylvania, Commonwealth of. 1p. 27271:148. 24X
Fiche: 50-352, 84/10/12, 8411010156.

--8411010161 Draft 6 of "Upper Salford Township, Montgomery County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station."
* Energy Consultants, Inc. 84/09/30. 89pp. 27271:149. 24X
Fiche: 50-352, 84/10/12, 8411010156.

8411010515 Forwards Draft 6 of "Skipack Township, Montgomery County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station" for review & comment. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 645. 84/10/12.
HUQUENIN, O. Skipack Township, PA. 1p. 27266:108. 24X
Fiche: 50-352, 84/10/12, 8411010515.

--8411010659 Draft 6 of "Skipack Township, Montgomery County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station."
* Skipack Township, PA. 84/09/30. 97pp. 27266:109. 24X
Fiche: 50-352, 84/10/12, 8411010515.

8411010557 Forwards Draft 6 of "East Pikeland Township Radiological Emergency Response Plan for Incidents at Limerick Generating Station." for review & comment. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 654. 84/10/12. HUGHES, O. East Pikeland Township, PA. 1p. 27266:001. 24X
Fiche: 50-352, 84/10/12, 8411010557.

--8411010559 Draft 6 of "East Pikeland Township, Chester County, Radiological Emergency Response Plan Implementing Procedures Limerick Generating Station." Info deleted.
* East Pikeland Township, PA. 84/09/30. 55pp. 27266:002. 24X
Fiche: 50-352, 84/10/12, 8411010557.

--8411010561 Draft 6 of "East Pikeland, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station."
* East Pikeland Township, PA. 84/09/30. 53pp. 27266:057. 24X
Fiche: 50-352, 84/10/12, 8411010557.

8411010591 Forwards Draft 6 of "North Coventry Township Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 651. 84/10/12. QUEST, M. North Coventry Township, PA. 1p. 27266:217. 24X
Fiche: 50-352, 84/10/12, 8411010591.

--8411010672 Draft 6 of "North Coventry Township, Radiological Emergency Response Plan Implementing Procedures for Incidents at Limerick Generating Station." Related Correspondence.
* North Coventry Township, PA. * Chester County, PA. 84/09/30. 49pp. 27266:218. 24X Fiche: 50-352, 84/10/12, 8411010591.

--8411010674 Draft 6 of "North Coventry Township Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* North Coventry Township, PA. 84/09/30. 51pp. 27266:267. 24X
Fiche: 50-352, 84/10/12, 8411010591.

8411020110 Forwards Draft 6 of "Amity Township, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." & "... Implementing Procedures." Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 680. 84/10/12.
REIGEL, H. L. Pennsylvania, Commonwealth of. 1p. 27263:001. 24X
Fiche: 50-352, 84/10/12, 8411020110.

--8411020113 Draft 6 of "Amity Township, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 52pp. 27263:002. 24X
Fiche: 50-352, 84/10/12, 8411020110.

--8411020116 Draft 6 of "Amity Township, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station, Implementing Procedures." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 58pp. 27263:054. 24X
Fiche: 50-352, 84/10/12, 8411020110.

8411030063 Forwards Draft 6 of "Warwick Township, Chester County Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Items completed w/exception of listed items. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 674. 84/10/12. HURLOCK, F. Affiliation Not Assigned. 1p. 27309:339. 24X
Fiche: 50-352, 84/10/12, 8411030063.

--8411030070 Draft 6 of "Warwick Township, Chester County Radiological Emergency Response Plan for Incidents at Limerick Generating Station Implementing Procedures."
* Energy Consultants, Inc. 84/09/30. 39pp. 27309:340. 24X
Fiche: 50-352, 84/10/12, 8411030063.

8411050048 Forwards Draft 6 of "East Coventry Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." & "... Implementing Procedures." Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 679. 84/10/12. FOOTE, T. Pennsylvania, Commonwealth of. 1p. 27325:335. 24X
Fiche: 50-352, 84/10/12, 8411050048.

--8411050052 Draft 6 of "East Coventry Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 50pp. 27325:336. 24X
Fiche: 50-352, 84/10/12, 8411050048.

--8411050057 Draft 6 of "East Coventry Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station Implementing Procedures." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 39pp. 27326:023. 24X
Fiche: 50-352, 84/10/12, 8411050048.

8411050380 Forwards Draft 6 of "Charlestown Township, Chester County Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Items completed w/exception of listed items. Related correspondence.
DECK, R. L. Energy Consultants, Inc. #484 676. 84/10/12. WERT, R. Charlestown Township, PA. 1p. 27325:237. 24X Fiche: 50-352, 84/10/12, 8411050380.

--8411050387 Draft 6 of "Charlestown Township, Chester County Radiological Emergency Response Plan for Incidents at Limerick Generating Station, Implementing Procedures." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 39pp. 27325:238. 24X
Fiche: 50-352, 84/10/12, 8411050380.

--8411050391 Draft 6 of "Charlestown Township, Chester County Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 51pp. 27325:277. 24X
Fiche: 50-352, 84/10/12, 8411050380.

DOCKETED ITEMS

- 8411010502 Forwards Draft & of "Colebrookdale Township, Berks County, Radiological Emergency Response Plan." Related correspondence.
DECK, R.L. Energy Consultants, Inc. #484 643. 84/10/15. SMOYER, J. Boyertown, PA. 1p. 27265:110. 24X Fiche: 50-352, 84/10/15. 8411010502.
- 8411010506 Draft & of "Colebrookdale Township, Berks County, Radiological Emergency Response Plan." Related correspondence.
* Boyertown, PA. 84/09/30. 50pp. 27265:111. 24X Fiche: 50-352, 84/10/15. 8411010502.
- 8411010508 Draft & of "Colebrookdale Township, Berks County, Radiological Emergency Response Plan, Implementing Procedures." Related correspondence.
* Boyertown, PA. 84/09/30. 46pp. 27265:162. 24X Fiche: 50-352, 84/10/15. 8411010502.
- 8411010505 Forwards Draft & to "Schuylkill Township Radiological Emergency Response Plan for Incident at Limerick Generating Station." Draft contains minor changes resulting from 840725 exercise. Related correspondence.
DECK, R.L. Energy Consultants, Inc. #484 655. 84/10/15. VUTZ, N. Schuylkill Township, PA. 1p. 27265:208. 24X Fiche: 50-352, 84/10/15. 8411010505.
- 8411010509 Draft & to "Schuylkill Township Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Schuylkill Township, PA. 84/09/30. 51pp. 27265:209. 24X Fiche: 50-352, 84/10/15. 8411010505.
- 8411010512 Draft & to "Schuylkill Township Radiological Emergency Response Plan, Implementing Procedures for Incidents at Limerick Generating Station." Related correspondence.
* Schuylkill Township, PA. * Chester County, PA. 84/09/30. 47pp. 27265:239. 24X Fiche: 50-352, 84/10/15. 8411010505.
- 8411010516 Forwards "Saint Pius X High School Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
TAMANINI, H.C. Energy Consultants, Inc. 484 640. 84/10/15. MCQUIRE, J.E. St. Pius X High School, Pottstown, PA. 1p. 27265:001. 24X Fiche: 50-352, 84/10/15. 8411010516.
- 8411010519 "Saint Pius X High School Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* St. Pius X High School, Pottstown, PA. 84/10/31. 62pp. 27265:002. 24X Fiche: 50-352, 84/10/15. 8411010516.
- 8411020359 Forwards Draft & to "West Vincent Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." & "... Implementing Procedures." Related correspondence.
DECK, R.L. Energy Consultants, Inc. #484 677. 84/10/15. MONTEITH, D.J. Pennsylvania, Commonwealth of, 1p. 27262:004. 24X Fiche: 50-352, 84/10/15. 8411020359.
- 8411020362 Draft & to "West Vincent Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 45pp. 27262:005. 24X Fiche: 50-352, 84/10/15. 8411020359.
- 8411020364 Draft & to "West Vincent Township, Chester County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station, Implementing Procedures." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 52pp. 27262:056. 24X Fiche: 50-352, 84/10/15. 8411020359.
- 8411030044 Forwards Draft & of "Douglass Township, Berks County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Items completed w/exception of listed input. Related correspondence.
DECK, R.L. Energy Consultants, Inc. #484 673. 84/10/15. MINOTTO, A. Douglass Township, PA. 1p. 27310:080. 24X Fiche: 50-352, 84/10/15. 8411030044.
- 8411030052 Draft & of "Douglass Township, Berks County Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 50pp. 27310:081. 24X Fiche: 50-352, 84/10/15. 8411030044.
- 8411030057 Draft & of "Douglass Township, Berks County Radiological Emergency Response Plan for Incidents at Limerick Generating Station, Implementing Procedures." Related correspondence.
* Energy Consultants, Inc. 84/09/30. 45pp. 27310:131. 24X Fiche: 50-352, 84/10/15. 8411030044.
- 8411030595 Forwards Rev O to "St Peter School, Montgomery County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
TAMANINI, H.C. Energy Consultants, Inc. #484 678. 84/10/15. CHRISTIE, R. St. Peter's School, Pottstown, PA. 1p. 27289:205. 24X Fiche: 50-352, 84/10/15. 8411030595.
- 8411030599 Rev O to "St Peter School, Montgomery County, Radiological Emergency Response Plan for Incidents at Limerick Generating Station." Related correspondence.
* St. Peter's School, Pottstown, PA. 84/10/31. 60pp. 27289:206. 24X Fiche: 50-352, 84/10/15. 8411030595.
- 8411030153 Forwards "Detailed Control Room Design Review for Limerick Generating Station," technical evaluation rept based on util responses to NUREG-0737, Suppl 1.
SCHWENCER, A. Licensing Branch 2. 84/10/16. BAUER, E.G. Philadelphia Electric Co. 4pp. 27310:176. 24X Fiche: 50-352, 84/10/16. 8411030153.
- 8409260607 "Technical Evaluation Rept of Detailed Control Room Design Review for Limerick Generating Station."
BANKS, W.W., HARMON, K.O. Lawrence Livermore National Laboratory. 84/08/10. NRC - No Detailed Affiliation Given. 71pp. 27310:180. 24X Fiche: 50-352, 84/10/16. 8411030153.
- 8411120270 Forwards public version of revised emergency plan implementing procedures, including EP-105 re general emergency response, EP-208 re security team activation & EP-276 re fire & damage team phone list.
DALTROFF, S.L. Philadelphia Electric Co. 84/10/25. MURLEY, T.E. Region 1, Office of Director. 6pp. 27438:269. 24X Fiche: 50-352, 84/10/25. 8411120270.
- 8411120274 Public version of revised emergency plan implementing procedures, including EP-105 re general emergency response, EP-208 re security team activation & EP-276 re fire & damage team phone list. W/JM Felton 841101 release memo.
* Philadelphia Electric Co. 84/10/08. 51pp. 27438:274. 24X Fiche: 50-352, 84/10/25. 8411120270.
- 8411130159 Forwards public version of revs to emergency plan implementing procedures, including EP-241 re preparation & handling of highly radioactive liquid samples & EP-273 re supervision call list.
DALTROFF, S.L. Philadelphia Electric Co. 84/10/25. MURLEY, T.E. Region 1, Office of Director. SCHWENCER, A. Licensing Branch 2. 5pp. 27480:144. 24X Fiche: 50-352, 84/10/25. 8411130159.
- 8411130173 Public version of revs to emergency plan implementing procedures, including EP-241 re sampling preparation & handling of highly radioactive liquid samples & EP-273 re supervision call list. W/JM Felton 841101 release memo.
* Philadelphia Electric Co. 84/10/04. 18pp. 27480:150. 24X Fiche: 50-352, 84/10/25. 8411130159.
- 8411010173 Forwards copies of radiological emergency response plans. Related correspondence.
CULLEN, E.J. Philadelphia Electric Co. #484 827. 84/10/29. ZITZER, P. Limerick Ecology Action. 1187pp. 27232:208. 24X Fiche: 50-352, 84/10/29. 8411010173.
- 8411020305 Forwards Amend 11 to emergency plan (filed in PDR Category F).
BRADLEY, E.J. Philadelphia Electric Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27296:115. 24X Fiche: 50-352, 84/10/31. 8411020305.
- 8411020316 Rev 11 to emergency plan.
* Philadelphia Electric Co. 84/10/31. 8pp. 27296:122. 24X Fiche: 50-352, 84/10/31. 8411020305.
- 8411080170 Forwards "Control Room Design Review," final rept, Suppl 1. Rept documents completion of final validation step of control room design review program plan & satisfies commitment made in util 840816 ltr.
KEMPER, J.S. Philadelphia Electric Co. 84/11/02. SCHWENCER, A. Licensing Branch 2. 2pp. 27392:306. 24X Fiche: 50-352, 84/11/02. 8411080170.
- 8411080178 "Control Room Design Review," final rept, Suppl 1.
* Philadelphia Electric Co. 84/10/31. 68pp. 27392:308. 24X Fiche: 50-352, 84/11/02. 8411080170.
- 8411060488 Testimony re admitted offsite emergency planning contentions. Prof qualifications of JR Asher, RZ Kincaid & JH Keller encl. Related correspondence.
* Federal Emergency Management Agency. #484 928. 84/11/05. 109pp. 27315:063. 24X Fiche: 50-352, 84/11/05. 8411060488.

- 8411090334 Subpoena directing RC Claypool to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 021. 84/11/05. CLAYPOOL, R. C. Affiliation Not Assigned. 18pp. 27399:061. 24X Fiche: 50-352, 84/11/05, 8411090334.
- 8411090340 Subpoena directing RB Murray to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 016. 84/11/05. MURRAY, R. B. Affiliation Not Assigned. 3pp. 27399:079. 24X Fiche: 50-352, 84/11/05, 8411090340.
- 8411210005 Forwards correspondence & documents re emergency planning among applicant, NRC & Commonwealth of Pennsylvania, per ASLB B40601 order. Related correspondence.
CULLEN, E. J. Philadelphia Electric Co. #484 104. 84/11/07. ZITZER, P. Ecology Action of Pottstown. 387pp. 27626:354. 24X Fiche: 50-352, 84/11/07, 8411210005.
- 8411200232 Forwards magnetic tape containing hourly meteorological data for 840716-1014, per 841013 commitment. W/o tape.
KEMPER, J. S. Philadelphia Electric Co. 84/11/14. SCHWENCER, A. Licensing Branch 2. 4pp. 27577:316. 24X Fiche: 50-352, 84/11/14, 8411200232.
- 8411270419 Requests assistance in planning for necessary evacuation of Buck County residents. Telecommunications interconnections & responses will be tested on 841120. List of citizen concerns encl. Served on 841126.
FONASH, C. F. Bucks County, PA. 84/11/16. Federal Emergency Management Agency. PATTEN, J. L. Pennsylvania, Commonwealth of. 6pp. 27628:195. 24X Fiche: 50-352, 84/11/16, 8411270419.
- 8411260106 Forwards correspondence & documents re emergency planning among applicant, NRC staff, Commonwealth of PA & other govt agencies per ASLB B20601 order. Svc list encl. Related correspondence.
CULLEN, E. J. Philadelphia Electric Co. #484 271. 84/11/21. ZITZER, P. Limerick Ecology Action. 195pp. 27616:137. 24X Fiche: 50-352, 84/11/21, 8411260106.
- G. Adjudicatory correspondence**
- 8411060586 Appeal from second partial initial decision, LPB-84-31 & ASLB B40901 motion to set aside & reopen Contentions V-3a & 3b & petition for stay.
ANTHONY, R. L. Anthony, R. L. ANTHONY, R. L. Friends of the Earth. #484 979. 84/10/23. Atomic Safety and Licensing Appeal Panel. 1p. 27326:309. 24X Fiche: 50-352, 84/10/23, 8411060586.
- 8411060566 Reiterates concerns re Graterford prisoner evacuation plan. Plan not yet received & info needed to file contentions. Related correspondence.
LOVE, A. R. Montgomery County, PA. #484 974. 84/10/24. FERKIN, Z. O. Pennsylvania, Commonwealth of. 1p. 27326:250. 24X Fiche: 50-352, 84/10/24, 8411060566.
- 8411010173 Forwards copies of radiological emergency response plans. Related correspondence.
CULLEN, E. J. Philadelphia Electric Co. #484 827. 84/10/29. ZITZER, P. Limerick Ecology Action. 1187pp. 27232:208. 24X Fiche: 50-352, 84/10/29, 8411010173.
- 8411020517 NRC answer in opposition to applicant 841017 petition for review of ALAB-785. SM Lewis notice of appearance & Certificate of Svc encl.
LEWIS, S. H. Hearing Branch 2. #484 868. 84/11/01. 15pp. 27261:283. 24X Fiche: 50-352, 84/11/01, 8411020517.
- 8411060285 Transmittal of testimony re Limerick Ecology Action & Friends of the Earth offsite emergency plan contentions & City of Philadelphia Contentions City-18 & City-19. Certificate of Svc encl. Related correspondence.
RADER, R. M. Philadelphia Electric Co. RADER, R. M. Conner & Wetterhahn. #484 890. 84/11/01. 7pp. 27323:327. 24X Fiche: 50-352, 84/11/01, 8411060285.
- 8411060454 Joint rept of parties re discussion of ASLB B41019 order & possibility of contending settlement on offsite emergency planning. Certificate of Svc encl.
RADER, R. M. Philadelphia Electric Co. RADER, R. M. Conner & Wetterhahn. #484 891. 84/11/01. 8pp. 27316:117. 24X Fiche: 50-352, 84/11/01, 8411060454.
- 8411060300 Notice of appearance in proceeding. Certificate of Svc encl.
MCGURREN, H. J. Hearing Branch 1. #484 921. 84/11/02. 4pp. 27323:311. 24X Fiche: 50-352, 84/11/02, 8411060300.
- 8411060330 Forwards Boyer 841019 ltr to Schwencer, to which applicant refers at Page 10 in brief. W/o encl. Related correspondence.
RADER, R. M. Conner & Wetterhahn. RADER, R. M. Philadelphia Electric Co. #484 950. 84/11/02. KOHL, C. N.; EDLES, G. J.; GOTCHY, R. L. Atomic Safety and Licensing Appeal Panel. 1p. 27321:222. 24X Fiche: 50-352, 84/11/02, 8411060330.
- 8411060355 Answer to intervenor Del-Aware Unlimited, Inc. revised Contentions V-14 & V-16. Proposed contentions should be denied & Del-Aware dismissed as party. Certificate of Svc encl.
RADER, R. M. Philadelphia Electric Co. RADER, R. M. Conner & Wetterhahn. #484 945. 84/11/02. Atomic Safety and Licensing Board Panel. 11pp. 27312:062. 24X Fiche: 50-352, 84/11/02, 8411060355.
- 8411060425 Applicant opposition to Del-Aware Unlimited, Inc & Friends of the Earth motions for stay of ASLB B40829 second partial initial decision authorizing NRR to issue low power testing license. Certificate of Svc encl.
RADER, R. M. Philadelphia Electric Co. RADER, R. M. Conner & Wetterhahn. #484 893. 84/11/02. Atomic Safety and Licensing Board Panel. 47pp. 27316:125. 24X Fiche: 50-352, 84/11/02, 8411060425.
- 8411060398 Forwards FEMA profiled testimony on offsite planning issues. W/o encl. Related correspondence.
HIRSCH, M. B. Federal Emergency Management Agency. #484 966. 84/11/02. Docketing & Services Branch. 1p. 27326:294. 24X Fiche: 50-352, 84/11/02, 8411060398.
- 8411060624 Requests issuance of subpoenas to witnesses having knowledge of particular matters re admitted contentions. Related correspondence.
ZITZER, P. Limerick Ecology Action. #484 987. 84/11/02. HOYT, H., HARBOUR, J., COLE, R. Atomic Safety and Licensing Board Panel. 9pp. 27327:124. 24X Fiche: 50-352, 84/11/02, 8411060624.
- 8411060626 Application for issuance of subpoena directing M Bollinger to testify on offsite emergency planning contentions. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27327:133. 24X Fiche: 50-352, 84/11/02, 8411060626.
- 8411060627 Application for issuance of subpoena directing B Greaser, President of Bouderton Area Education Assoc. to testify on offsite emergency planning contentions. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27327:135. 24X Fiche: 50-352, 84/11/02, 8411060627.
- 8411060628 Application for issuance of subpoena directing D Young, President of Perkiomen Valley Education Assoc. to testify re offsite emergency planning contentions. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27327:137. 24X Fiche: 50-352, 84/11/02, 8411060628.
- 8411060633 Application for issuance of subpoena directing school district superintendents to testify on risk of school district radiological emergency response plans covered by admitted Contentions 11, 12, 14 & 15. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 26pp. 27327:139. 24X Fiche: 50-352, 84/11/02, 8411060633.
- 8411060625 Application for issuance of subpoena directing N Vutz to testify at evidentiary hearings on offsite emergency planning contentions re traffic congestion in vicinity of Valley Forge Park. Related correspondence.
ZITZER, P., STONE, D. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27327:261. 24X Fiche: 50-352, 84/11/02, 8411060625.
- 8411060630 Application for issuance of subpoena directing J Waters to testify re offsite emergency planning contentions on traffic congestion in vicinity of Valley Forge Natl Park. Certificate of Svc encl. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 36pp. 27327:274. 24X Fiche: 50-352, 84/11/02, 8411060630.
- 8411070009 Staff response opposing Anthony/Friends of the Earth & Del-Aware Unlimited, Inc B41023 & 25 requests for stay of ASLB B41015 order confirming low power authorization. Certificate of Svc encl.
VOGLER, B. H. HODGSON, A. P. Hearing Branch 2. #484 989. 84/11/02. Atomic Safety and Licensing Appeal Panel. 15pp. 27359:125. 24X Fiche: 50-352, 84/11/02, 8411070009.

DOCKETED ITEMS

- 8411090302 Forwards request for subpoena to obtain testimony of J Waters, emergency manager & fire marshall for Lower Merion Township, Montgomery County, re Contention LEA-24. W/o encl. Related correspondence.
ZITZER, P. Limerick Ecology Action. #484 023. 84/11/04. HOYT, H., HARBOUR, J., COLE, R. Atomic Safety and Licensing Board Panel. 1p. 27402:083. 24X Fiche: 50-352, 84/11/04, 8411090302.
- 8411060559 Memorandum & order denying Friends of the Earth motion for stay & Del-Aware Unlimited, Inc petition for stay of ASLS 841015 order authorizing low power license. Served on 841106. TOMPKINS, B. A. Atomic Safety and Licensing Appeal Panel. #484 958. 84/11/05. Office of the Executive Legal Director. 9pp. 27326:251. 24X Fiche: 50-352, 84/11/05, 8411060559.
- 8411060597 Informs of Chairman Palladino 841129 tour of facility. Party representatives invited to attend. Notification of attendance should be made no later than 841127. Served on 841106.
GARNER, D. J. Commissioners. #484 952. 84/11/05. Office of the Executive Legal Director. 1p. 27326:295. 24X Fiche: 50-352, 84/11/05, 8411060597.
- 8411090271 Subpoena directing R Feicht to appear on 841128 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 020. 84/11/05. FEICHT, R. Affiliation Not Assigned. 1p. 27399:194. 24X Fiche: 50-352, 84/11/05, 8411090271.
- 8411090280 Subpoena directing M Bollinger to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108. Related correspondence.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 022. 84/11/05. BOLLINGER, M. Limerick Ecology Action. 1p. 27399:360. 24X Fiche: 50-352, 84/11/05, 8411090280.
- 8411090286 Requests subpoena directing M Bollinger to testify on behalf of Limerick Ecology Action. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/02. Atomic Safety and Licensing Board Panel. 1p. 27399:361. 24X Fiche: 50-352, 84/11/05, 8411090286.
- 8411090289 Discusses concern of teachers assoc re passage of emergency action plan w/o specific knowledge of number of supervisory personnel available to deal w/students. Related correspondence.
BOLLINGER, M. Pottstown, PA. 84/11/01. HOYT, H. F. Atomic Safety and Licensing Board Panel. 1p. 27399:362. 24X Fiche: 50-352, 84/11/05, 8411090289.
- 8411090300 Subpoena directing B Feters to appear on 841127 in Philadelphia, PA on behalf of Limerick Ecology Action, Inc. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 019. 84/11/05. FETERS, B. Affiliation Not Assigned. 1p. 27402:084. 24X Fiche: 50-352, 84/11/05, 8411090300.
- 8411090308 Subpoena directing B Greaser to appear on 841128 in Philadelphia, PA to testify on behalf of Limerick Ecology Action on emergency planning contentions. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 017. 84/11/05. GREASER, B. Affiliation Not Assigned. 1p. 27399:195. 24X Fiche: 50-352, 84/11/05, 8411090308.
- 8411090317 Subpoena directing LP Warner to appear on 841128 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 012. 84/11/05. WARNER, L. P. Limerick Ecology Action. 5pp. 27398:326. 24X Fiche: 50-352, 84/11/05, 8411090317.
- 8411090318 Subpoena directing T Pershing to appear on 841128 in Philadelphia, PA on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 015. 84/11/05. PERSHING, T. Affiliation Not Assigned. 1p. 27400:062. 24X Fiche: 50-352, 84/11/05, 8411090318.
- 8411090323 Subpoena directing N Vutz to appear on 841128 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 014. 84/11/05. VUTZ, N. Limerick Ecology Action. 1p. 27400:124. 24X Fiche: 50-352, 84/11/05, 8411090323.
- 8411090334 Subpoena directing RC Claypool to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 021. 84/11/05. CLAYPOOL, R. C. Affiliation Not Assigned. 18pp. 27399:061. 24X Fiche: 50-352, 84/11/05, 8411090334.
- 8411090336 Subpoena directing WD Wescott to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841106.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 010. 84/11/05. WESCOTT, W. D. Limerick Ecology Action. 1p. 27399:082. 24X Fiche: 50-352, 84/11/05, 8411090336.
- 8411090338 Subpoena directing D Young to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841106.
HOYT, H. F. Atomic Safety and Licensing Board Panel. 84/11/05. YOUNG, D. Limerick Ecology Action. 1p. 27399:083. 24X Fiche: 50-352, 84/11/05, 8411090338.
- 8411090342 Application requesting issuance of subpoena to obtain testimony of D Young re offsite emergency planning contentions. D Young ltr of response to questions to be addressed at 841119 hearings encl. Served on 841108.
ZITZER, P. Limerick Ecology Action. 84/11/08. Atomic Safety and Licensing Board Panel. 2pp. 27399:084. 24X Fiche: 50-352, 84/11/05, 8411090342.
- 8411090337 Subpoena directing TJ Fewless to appear on 841127 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 018. 84/11/05. FEWLASS, T. J. Affiliation Not Assigned. 1p. 27399:060. 24X Fiche: 50-352, 84/11/05, 8411090337.
- 8411090340 Subpoena directing RB Murray to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 016. 84/11/05. MURRAY, R. B. Affiliation Not Assigned. 3pp. 27399:079. 24X Fiche: 50-352, 84/11/05, 8411090340.
- 8411090348 Subpoena directing RS Price to appear on 841128 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 013. 84/11/05. PRICE, R. S. Limerick Ecology Action. 1p. 27400:132. 24X Fiche: 50-352, 84/11/05, 8411090348.
- 8411090350 Subpoena directing W Welliver to appear on 841126 in Philadelphia, PA to testify on behalf of Limerick Ecology Action. Served on 841108.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 011. 84/11/05. WELLIVER, W. Limerick Ecology Action. 2pp. 27398:331. 24X Fiche: 50-352, 84/11/05, 8411090350.
- 8411070145 Order extending time until 841214 for Commission to act to review ALAB-785. Served on 841106.
CHILK, S. J. Office of the Secretary of the Commission. #484 996. 84/11/06. Commissioners. 1p. 27364:347. 24X Fiche: 50-352, 84/11/06, 8411070145.
- 8411200209 Comments of adequacy of emergency evacuation plans to protect public. Expresses concern over vulnerability of children in schools & problems w/busing during evacuation. Served on 841119.
DUFUR, K. Affiliation Not Assigned. #484 189. 84/11/06. Commissioners. 4pp. 27378:152. 24X Fiche: 50-352, 84/11/06, 8411200209.
- 8411090273 Response to Del-Aware Unlimited, Inc re two reformulated contentions per ALAB-785. Admission of contentions opposed. Certificate of Svc encl.
HODGSON, A. P. Hearing Branch 2. #484 047. 84/11/07. Atomic Safety and Licensing Board Panel. 11pp. 27401:072. 24X Fiche: 50-352, 84/11/07, 8411090273.
- 8411090440 Rulings in response to parties 841101 joint rept on offsite emergency planning hearings scheduled to begin on 841119. ASLS approves parties agreement that hearings should begin w/Limerick Ecology Action contentions. Served on 841109.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 062. 84/11/08. Office of the Executive Legal Director. 2pp. 27416:076. 24X Fiche: 50-352, 84/11/08, 8411090440.
- 8411090471 Memorandum & order rejecting Del-Aware revised & resubmitted environ Contentions V-14 & V-16. Del-Aware no longer party in proceeding. Served on 841109.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 066. 84/11/08. Del-Aware Unlimited, Inc. 5pp. 27416:111. 24X Fiche: 50-352, 84/11/08, 8411090471.
- 8411130603 Motion to strike certain testimony by Limerick Ecology Action on offsite emergency planning contentions. Certificate of Svc encl. Related correspondence.
CONNER, T. B. Philadelphia Electric Co. CONNER, T. B. Conner & Wetterhahn. #484 072. 84/11/08. Atomic Safety and Licensing Board Panel. 11pp. 27438:280. 24X Fiche: 50-352, 84/11/08, 8411130603.

DOCKETED ITEMS

191

8411140133 Request for 1-uk extension of time to file testimony on Limerick Ecology Action (LEA) deferred offsite emergency planning contentions (LEA-1,2,3,5 & 23). LEA 841107 telegram submitting request encl. Related correspondence.
ZITZER, P. Limerick Ecology Action. #484 113. 84/11/08. Atomic Safety and Licensing Board Panel. 1p. 27466:343. 24X Fiche: 50-352, 84/11/08, 8411140133.

--8411140162 Requests 1-uk extension of time to file testimony on deferred contentions (LEA-1,2,3,5 & 23) from 841119 to 841126. Related correspondence.
ZITZER, P. Limerick Ecology Action. 84/11/07. Atomic Safety and Licensing Board Panel. 1p. 27466:344. 24X Fiche: 50-352, 84/11/08, 8411140133.

8411150335 Advises that no basis exists for granting exemption from requirements of 10CFR50, App A re tornado impacts on cooling towers indicated in 841019 ltr. Supporting transcript pages encl. Related correspondence.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. SUGARMAN, R. J. Philadelphia Electric Co. #484 138. 84/11/08. DENTON, H. Office of Nuclear Reactor Regulation, Director. 6pp. 27528:131. 24X Fiche: 50-352, 84/11/08, 8411150335.

8411290413 Corrected order on rulings in response to parties 841101 joint rept on hearing re offsite emergency planning. Served on 841128.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 337. 84/11/08. Office of the Executive Legal Director. 2pp. 27676:143. 24X Fiche: 50-352, 84/11/08, 8411290413.

8411290413 Corrected order on rulings in response to parties 841101 joint rept on hearing re offsite emergency planning. Served on 841128.
HOYT, H. F. Atomic Safety and Licensing Board Panel. #484 337. 84/11/08. 2pp. 27676:143. 24X Fiche: 50-352, 84/11/08, 8411290413.

8411140008 Forwards 841109 motion for leave to file reply re stay & reply to NRC answer. Certificate of Svc encl.
LOCKE, R. T. Sugarman, Denworth & Hellegers. #484 076. 84/11/09. Docketing & Services Branch. 1p. 27467:129. 24X Fiche: 50-352, 84/11/09, 8411140008.

--8411140011 Motion for leave to file reply to NRC brief in opposition to 841109 request for stay. Staff failed to address applicant reliance on supplemental cooling water sys for safety-related purposes.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/09. Atomic Safety and Licensing Appeal Panel. 7pp. 27467:130. 24X Fiche: 50-352, 84/11/09, 8411140008.

--8411140014 Reply re NRC opposition to stay on grounds that supplemental CWS not safety-related. Stay should be granted as sought or recharacterized as motion to set aside.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/09. Atomic Safety and Licensing Appeal Panel. 7pp. 27467:137. 24X Fiche: 50-352, 84/11/09, 8411140008.

--8411140017 Reply to NRC answer to applicant petition for Commission review of ALAB 7B5 asserting supplemental CWS not safety-related. Intervenor requests that Commission grant petition for review. Certificate of Svc encl.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. 84/11/09. 10pp. 27467:144. 24X Fiche: 50-352, 84/11/09, 8411140008.

8411210430 Motion for leave to file reply to NRC brief in opposition to 841109 request for stay. Denied by ASLAB on 841120.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. #484 256. 84/11/09. Atomic Safety and Licensing Appeal Panel. 2pp. 27600:127. 24X Fiche: 50-352, 84/11/09, 8411210430.

8411140489 Appeal from issuance of low power DL for Unit 1 & request for immediate stay. Claim made that plant cannot be safely operated at low power due to more than 20 safety exemptions.
ANTHONY, R. L. Anthony, R. L. #484 121. 84/11/10. Commissioners. 1p. 27491:033. 24X Fiche: 50-352, 84/11/10, 8411140489.

8411270288 Advises that current radiological plans inadequate to provide protection for people living in vicinity of facility. Vote to deny DL at present time requested.
LEWIS, P., LEWIS, S. Affiliation Not Assigned. #484 303. 84/11/12. HOYT, H., HARBOUR, J., COLE, R. Atomic Safety and Licensing Board Panel. 2pp. 27635:237. 24X Fiche: 50-352, 84/11/12, 8411270288.

8411190330 Forwards motion to strike portions of util testimony. Related correspondence.
BUSH, M. W. Philadelphia, PA. #484 154. 84/11/14. HOYT, H. F., COLE, R. F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 1p. 27553:348. 24X Fiche: 50-352, 84/11/14, 8411190330.

--8411190339 Motion to strike certain portions of testimony of VS Boyer, MI Goldman, GD Kaiser, ER Schmidt & R Waller re City of Philadelphia Contentions City-18 & City 19. Certificate of Svc encl. Related correspondence.
BUSH, M. W. Philadelphia, PA. 84/11/14. HOYT, H. F., COLE, R. F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 8pp. 27553:349. 24X Fiche: 50-352, 84/11/14, 8411190330.

8411200022 Motion for suspension of low power License NPF-27. Limerick Ecology Action (LEA) members among population exposed to risk & LEA will be irreparably damaged unless suspension granted. Certificate of Svc encl.
ELLIOTT, C. W. Limerick Ecology Action. ELLIOTT, C. W. Elliott, C. W. #484 213. 84/11/15. Atomic Safety and Licensing Appeal Panel. 8pp. 27579:038. 24X Fiche: 50-352, 84/11/15, 8411200022.

8411200298 Advises that Del-Aware Unlimited will not file brief re appeal from ASLB decision to reaffirm authority to issue low power license. NRC obligated to conduct review.
SUGARMAN, R. J. Sugarman, Denworth & Hellegers. SUGARMAN, R. J. Del-Aware Unlimited, Inc. #484 221. 84/11/15. Atomic Safety and Licensing Appeal Panel. 1p. 27571:260. 24X Fiche: 50-352, 84/11/15, 8411200298.

8411270327 Raises concerns re evacuation planning. Supply of buses in school districts involved to transport students to safe location in one run inadequate. Issuance of DL for facility should be denied. Served on 841126.
IRWIN, M. B. Affiliation Not Assigned. #484 305. 84/11/15. HOYT, H., HARBOUR, COLE NRC - No Detailed Affiliation Given. 2pp. 27630:205. 24X Fiche: 50-352, 84/11/15, 8411270327.

8411270350 Expresses opposition to plant. Problems re proximity to heavily populated areas & nuclear waste discussed.
POLLACK, D. Affiliation Not Assigned. #484 301. 84/11/15. HOYT, Atomic Safety and Licensing Board Panel. 3pp. 27628:358. 24X Fiche: 50-352, 84/11/15, 8411270350.

8411200017 Notice that Commissioner Bernthal will not tour plant on 841121. Served on 841116.
* Commissioners. #484 196. 84/11/16. 1p. 27579:046. 24X Fiche: 50-352, 84/11/16, 8411200017.

8411200183 Applicant response to request by Friends of the Earth to stay issuance of low power license to Philadelphia Electric Co. Certificate of Svc encl.
RADER, R. M. Philadelphia Electric Co. RADER, R. M. Conner & Wetterhahn. #484 205. 84/11/16. Commissioners. 6pp. 27577:102. 24X Fiche: 50-352, 84/11/16, 8411200183.

8411200349 Files notices of appearances for two addl lead intervenor representatives on offsite emergency planning to participate in hearings starting wk of 841119 in Philadelphia, PA. Certificate of Svc encl.
ZITZER, P. Limerick Ecology Action. #484 206. 84/11/16. HOYT, H., COLE, R. F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 5pp. 27571:334. 24X Fiche: 50-352, 84/11/16, 8411200349.

8411270238 Advises that future hearings should require persons testifying to state place of employment to prevent acceptance of biased opinions.
RANDOLPH, H. C. Affiliation Not Assigned. #484 302. 84/11/16. HOYT, NRC - No Detailed Affiliation Given. 3pp. 27632:360. 24X Fiche: 50-352, 84/11/16, 8411270238.

8411270311 Informs that table of violations & deficiencies given to court recorder for inclusion in record of 841113 hearing. Served on 841126.
LEWIS, M. I. Lewis, M. I. Citizen Action in the Northeast. #484 300. 84/11/16. HOYT, H. NRC - No Detailed Affiliation Given. 1p. 27631:146. 24X Fiche: 50-352, 84/11/16, 8411270311.

8411210409 Forwards HY Mayerson notice of appearance to conduct cross examination of witnesses at 841119 evidentiary hearings on Contention LEA-24 in Philadelphia, PA. Certificate of Svc encl.
ZITZER, P. Limerick Ecology Action. #484 247. 84/11/17. HOYT, H., COLE, R. F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 4pp. 27600:107. 24X Fiche: 50-352, 84/11/17, 8411210409.

8411200237 Informs of svc list change of address.
ELLIOTT, C. W. Limerick Ecology Action. ELLIOTT, C. W. Elliott, C. W. #484 215. 84/11/19. 1p. 27577:346. 24X Fiche: 50-352, 84/11/19, 8411200237.

8411200285 Memorandum to parties informing that Commissioner Bernthal will tour plant on 841126. Notification of attendance must be made by 841123. Served on 841119.
* Commissioners. #484 186. 84/11/19. 1p. 27573:121. 24X Fiche: 50-352, 84/11/19, 8411200285.

DOCKETED ITEMS

8411260006 Order dismissing Del-Aware Unlimited, Inc appeal from ASLB 841015 order.
SHOEMAKER, C. J. Atomic Safety and Licensing Appeal Panel. #484 274.
84/11/21. Del-Aware Unlimited, Inc. 2pp. 27613:292. 24X
Fiche: 50-352, 84/11/21, 8411260006.

8411260106 Forwards correspondence & documents re emergency planning among applicant, NRC staff, Commonwealth of PA & other govt agencies per ASLB 820601 order. Svc list encl. Related correspondence.
CULLEN, E. J. Philadelphia Electric Co. #484 271. 84/11/21.
ZITZER, P. Limerick Ecology Action. 195pp. 27616:137. 24X
Fiche: 50-352, 84/11/21, 8411260106.

8411270228 Order dismissing Del-Aware Unlimited, Inc appeal from ASLB 841015 memorandum & order reaffirming 840829 decision authorizing issuance of low power license to applicant. Served on 841123.
SHOEMAKER, C. J. Atomic Safety and Licensing Appeal Panel. #484 295.
84/11/21. Del-Aware Unlimited, Inc. 2pp. 27635:188. 24X
Fiche: 50-352, 84/11/21, 8411270228.

8411260087 Memorandum & order dismissing motion for suspension of low power license due to applicant filing more than 2 months late & failure to ack or explain delay. Served on 841123.
SHOEMAKER, C. J. Atomic Safety and Licensing Appeal Panel. #484 259.
84/11/23. Limerick Ecology Action. 4pp. 27616:343. 24X
Fiche: 50-352, 84/11/23, 8411260087.

8411270301 Requests appeal of ASLB 841023 second Partial Initial Decision LBP-84-31 on Contentions V-3a & V-3b re danger from fuel & gas pipelines at facilities. ASLB should reverse ASLB decision & grant requested relief.
ANTHONY, R. L. Friends of the Earth. ANTHONY, R. L. Anthony, R. L. #484 304. 84/11/23. 5pp. 27635:133. 24X Fiche: 50-352, 84/11/23, 8411270301.

--8411270303 Rebuttal of applicant 840518 reply on Contentions V-3a & V-3b re safety-related structures. Six remedies listed in finding should be mitigated re hazards to safety-related structures set forth in record of hearings on contentions.
ANTHONY, R. L. Friends of the Earth. ANTHONY, R. L. Anthony, R. L. 84/06/06. 4pp. 27635:138. 24X Fiche: 50-352, 84/11/23, 8411270301.

8411270329 Response to unauthorized reply by Del-Aware Unlimited, Inc, requesting Commission response on review of ALAB-785. Reply by Del-Aware unauthorized & should be stricken. Certificate of Svc encl.
RADER, R. M. Philadelphia Electric Co. RADER, R. M. Conner & Wetterhahn. #484 288. 84/11/23. 7pp. 27630:207. 24X
Fiche: 50-352, 84/11/23, 8411270329.

8411270385 Memorandum & order dismissing Limerick Ecology Action, Inc motion to suspend Philadelphia Electric Co low power license. Served on 841123.
SHOEMAKER, C. J. Atomic Safety and Licensing Appeal Panel. #484 294.
84/11/23. Limerick Ecology Action. 4pp. 27628:258. 24X
Fiche: 50-352, 84/11/23, 8411270385.

8411280278 Response in opposition to Anthony/Friends of the Earth appeal of issuance of low power license & request for stay. Certificate of Svc encl.
VOGLER, B. H. Hearing Branch 2. #484 316. 84/11/26.
Commissioners. 14pp. 27667:015. 24X Fiche: 50-352, 84/11/26, 8411280278.

H. General correspondence

8411010347 Expresses support for completion of Point Pleasant pumping station, based on demand for water & relief from public tax burden through util contributions to project.
PAINE, A. J. Affiliation Not Assigned. 84/10/26. NRC - No Detailed Affiliation Given. 1p. 27229:162. 24X Fiche: 50-352, 84/10/26, 8411010347.

841120352 Expresses disgust over ongoing attempts to halt plant const & questions need for further studies which drive up

ned. 84/11/05. NRC - No Detailed
29. 24X Fiche: 50-352, 84/11/05,

cility because of inadequate

84/11/18. NRC - No Detailed
4X Fiche: 50-352, 84/11/18,

K. Utility Final Safety Analysis Report (FSAR) & amends

8411020305 Forwards Rev 37 to FSAR (filed in PDR Category K).
BRADLEY, E. J. Philadelphia Electric Co. 84/10/31. DENTON, H. R.
Office of Nuclear Reactor Regulation, Director. 1p. 27296:115. 24X
Fiche: 50-352, 84/10/31, 8411020305.

--8411020319 Rev 37 to FSAR for Limerick Generating Station. Sixteen oversize drawings encl. Aperture cards available in PDR.
* Philadelphia Electric Co. 84/10/31. 300pp. 27296:130. 24X
Fiche: 50-352, 84/10/31, 8411020305.

8411160286 Forwards Affidavit of Svc re distribution of Rev 37 to FSAR, per DG Eisenhut 810706 ltr.
BRADLEY, E. J. Philadelphia Electric Co. 84/11/13. DENTON, H. R.
Office of Nuclear Reactor Regulation, Director. 3pp. 27537:304. 24X
Fiche: 50-352, 84/11/13, 8411160286.

O. Advisory Committee on Reactor Safeguards reports & correspondence

8411280593 Forwards ACRS 841106 rept to Chairman Palladino re OL application.
SCHMENCER, A. Licensing Branch 2. 84/11/16. BAUER, E. G.
Philadelphia Electric Co. 4pp. 27682:048. 24X
Fiche: 50-352, 84/11/16, 8411280593.

--8411280594 Submits rept re OL application. Unit 1 can be operated at power levels up to 3,293 Mwt w/o undue risk to public health & safety. D Okrent comments provided.
WARD, D. A. ACRS - Advisory Committee on Reactor Safeguards. 84/11/06. PALLADINO, N. J. Commissioners. 3pp. 27682:052. 24X
Fiche: 50-352, 84/11/16, 8411280593.

G. Inspection reports, IE Bulletins & correspondence

841120260 Forwards IE Investigation Rept 1-82-065 showing examples of falsification of records by Bechtel employees at Susquehanna Unit 1. Util should assure that Bechtel activities at facilities adequately controlled & monitored.
MURLEY, T. E. Region 1, Office of Director. 84/10/17. KEMPER, J. S.
Philadelphia Electric Co. 2pp. 27437:003. 24X
Fiche: 50-000, 84/10/17, 841120260.

841130504 Forwards Insp Repts 50-352/84-49 & 50-353/84-12 on 840901-30. W/o notice of violation.
KISTER, H. B. Division of Project & Resident Programs. 84/10/19.
KEMPER, J. S. Philadelphia Electric Co. 2pp. 27463:114. 24X
Fiche: 50-352, 84/10/19, 841130504.

--841130508 Insp Repts 50-352/84-49 & 50-353/84-12 on 840901-30. Violations unidentified.
CHAUDHARY, S. K., WIGGINS, J. T., BORCHARDT, R. W. Region 1, Office of Director. 84/10/16. 30pp. 27463:116. 24X Fiche: 50-352, 84/10/19, 841130504.

841140362 Completes response to IE Bulletin 79-07 re seismic stress analysis of safety-related piping. Computer codes identified in Item 1 of bulletin not used for seismic stress analysis of piping.
KEMPER, J. S. Philadelphia Electric Co. 84/10/22. MARTIN, T. T.
Region 1, Office of Director. 4pp. 27467:179. 24X
Fiche: 50-352, 84/10/22, 841140362.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/03. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/03, 8411010487.

8411090161 Submits evaluation in response to IE Bulletin 84-03 re refueling cavity water seal. Gross failure of refueling seal sys & resulting consequences considered incredible. Refueling bellows & inflatable ring seals arrangement encl.
KEMPER, J. S. Philadelphia Electric Co. 84/11/06. MURLEY, T. E.
Region 1, Office of Director. 4pp. 27398:317. 24X
Fiche: 50-352, 84/11/06, 8411090161.

DOCKETED ITEMS

193

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411200277 Informs of adherence to guidelines of 840419 Generic Ltr 84-11 requesting info re insps for IGSCC & leakage detection, including stainless steel welds susceptible to IGSCC. No mods or further action required.
KEMPER, J.S. Philadelphia Electric Co. 84/11/09. EISENHUT, D.G. Division of Licensing. 3pp. 27573:122. 24X Fiche: 50-352, 84/11/09, 8411200277.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411270338 Forwards Insp Repts 50-352/84-60 & 50-353/84-13 on 841001-31. No violations noted.
KISTER, H.B. Division of Project & Resident Programs. 84/11/20.
DALTROFF, S.J. Philadelphia Electric Co. 4pp. 27629:001. 24X Fiche: 50-352, 84/11/20, 8411270338.

--8411270369 Insp Repts 50-352/84-60 & 50-353/84-13 on 841001-31. No violations noted. Major areas inspected: followup on outstanding insp items, const deficiency repts & TMI action items & witnessing of initial fuel load activities.
CHAUDHARY, S.K., WIGGINS, J.T., BORCHARDT, R.W. Region 1, Office of Director. 84/11/16. 21pp. 27629:005. 24X Fiche: 50-352, 84/11/20, 8411270338.

R. Periodic operating reports & related correspondence

8411030273 Forwards Bimonthly Status Rept 9 re independent design review of core spray sys for 840816-30. Next rept issued will be final. Related correspondence.
CARPENTER, F.D. Tenney Pines Technology. #484 319. 84/10/01.
BOYER, V.S. Philadelphia Electric Co. 5pp. 27289:358. 24X Fiche: 50-352, 84/10/01, 8411030273.

S. Reportable occurrences, LERs & related correspondence

8411260398 Updated Part 21 rept re missile door calculation errors. Initially reported on 840705. Calculations & designs reconciled w/respective customers. Doors qualified as meeting original project design requirements.
GODFREY, D.A. W.J. Woolley Co. 84/11/16. KEPPLER, J.G. Region 3, Office of Director. 1p. 27610:104. 24X Fiche: 50-000, 84/11/16, 8411260398.

T. Hearing transcripts on non-antitrust matters

8411060401 Forwards testimony of RJ Hippert, DF Taylor, EP Klynoot, RL Reber, HW Farrel, FN Starasinic, RC Furrer, MA Reilly, MA Worman & SA Runkle on Limerick Ecology Action offsite emergency planning contentions. Related correspondence.
FERKIN, Z.G. Pennsylvania, Commonwealth of. #484 944. 84/11/01.
HOYT, H.F., COLE, R.F., HARBOUR, J. Atomic Safety and Licensing Board Panel. 2pp. 27314:149. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060405 Testimony of RH Hippert & DF Taylor re Limerick Ecology Action offsite emergency planning Contention LEA-11, 12, 13 14(a), 14(b), 15, 22 & 26. Prof qualifications encl. Related correspondence.
HIPPERT, R.J., TAYLOR, D.F. Pennsylvania, Commonwealth of. 84/11/01. 25pp. 27314:151. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060409 Testimony of EP Klynoot re Limerick Ecology Action Contention LEA-28(a) concerning Pennsylvania Army Natl Guard duties during possible emergency situation at plant. Prof qualifications encl. Related correspondence.
KLYNOOT, E.P. Pennsylvania, Commonwealth of. 84/11/01. 14pp. 27314:176. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060413 Testimony of RL Reber re Limerick Ecology Action offsite emergency planning Contentions LEA-12, 13, 14(a), 14(b), 22, 26 & 28(b). Prof qualifications encl. Related correspondence.
REBER, R.L. Pennsylvania, Commonwealth of. REBER, R.L. Berks County, PA. 84/11/01. 6pp. 27314:190. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060419 Testimony of HW Farrel & FN Starasinic re Limerick Ecology Action Contention LEA-28(b) concerning resources available for towing & snow removal on non-state roads. Supporting documentation encl. Related correspondence.
FARRELL, H.W., STARASINIC, F.N. Pennsylvania, Commonwealth of. 84/11/01. 15pp. 27314:196. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060472 Testimony of RC Furrer re Limerick Ecology Action offsite emergency planning Contention LEA-22 concerning Pennsylvania Dept of Agriculture data on farmers within plume of emergency planning zone. Related correspondence.
FURRER, R.C. Pennsylvania, Commonwealth of. 84/11/01. 3p. 27314:209. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060479 Testimony of MA Reilly re Limerick Ecology Action Contention LEA-12 concerning adequacy of bldgs for sheltering during radiological emergency. Related correspondence.
REILLY, M.A. Pennsylvania, Commonwealth of. 84/11/01. 3pp. 27314:212. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060485 Testimony of MA Worman re Limerick Ecology Action Contention LEA-12 concerning evacuation plans for school districts. Related correspondence.
WORMAN, M.A. Pennsylvania, Commonwealth of. 84/11/01. 6pp. 27314:215. 24X Fiche: 50-352, 84/11/01, 8411060401.

--8411060490 Testimony of MA Reilly & SA Runkle re City of Philadelphia offsite emergency planning Contentions CITY-18 & 19 concerning protection of water supply in radiological emergency. Certificate of Svc encl. Related correspondence.
REILLY, M.A., RUNKLE, S.A. Pennsylvania, Commonwealth of. 84/11/01. 19pp. 27314:221. 24X Fiche: 50-352, 84/11/01, 8411060401.

8411060527 Testimony of B Aptowicz & TJ Kulesza describing City of Philadelphia water treatment sys & relation to emergency planning. Related correspondence.
APTOWICZ, B.S., KULESZA, T.J. Philadelphia, PA. #484 914. 84/11/02. 15pp. 27311:003. 24X Fiche: 50-352, 84/11/02, 8411060527.

--8411060535 Testimony of B Aptowicz & C Zitomer describing City of Philadelphia water supply & transmission sys. Related correspondence.
APTOWICZ, B., ZITOMER, C. Philadelphia, PA. 84/11/02. 6pp. 27311:018. 24X Fiche: 50-352, 84/11/02, 8411060527.

--8411060542 Testimony of B Aptowicz, C Zitomer & R Weiss discussing addl considerations that need to be developed in greater detail as part of implementable water supply emergency plan. W/ Certificate of Svc. Related correspondence.
APTOWICZ, B., ZITOMER, C., WEISS, R. Philadelphia, PA. 84/11/02. 36pp. 27311:024. 24X Fiche: 50-352, 84/11/02, 8411060527.

8411060607 Transcript of 841102 testimony re Limerick Ecology Action offsite emergency plan contentions. Related correspondence.
* Philadelphia Electric Co. #484 981. 84/11/02. 36pp. 27327:018. 24X Fiche: 50-352, 84/11/02, 8411060607.

--8411060611 Transcript of 841102 testimony re Contentions LEA-24/FDE-1. Related correspondence.
* Philadelphia Electric Co. 84/11/02. 18pp. 27327:054. 24X Fiche: 50-352, 84/11/02, 8411060607.

--8411060614 Transcript of VS Boyer, MI Goldman, QD Kaiser, ER Schmidt & R Waller testimony re City of Philadelphia Contentions City-18 & City-19. Related correspondence.
BOYER, V.S., GOLDMAN, M.I., KAISER, Q.D. Philadelphia Electric Co. 84/11/02. 42pp. 27327:072. 24X Fiche: 50-352, 84/11/02, 8411060607.

8411060624 Requests issuance of subpoenas to witnesses having knowledge of particular matters re admitted contentions. Related correspondence.
ZITZER, P. Limerick Ecology Action. #484 987. 84/10/02. HOYT, H. Atomic Safety and Licensing Board Panel. 7pp. 27327:124. 24X Fiche: 50-352, 84/11/02, 8411060624.

--8411060632 Transcript of testimony on Contention LEA-13 (Day Care). Related correspondence.
* Limerick Ecology Action. 84/11/02. 95pp. 27327:166. 24X Fiche: 50-352, 84/11/02, 8411060624.

DOCKETED ITEMS

8411070132 Transmittal of testimony of T Urbanik re Limerick Ecology Action-24/Friends of the Earth-1 offsite emergency planning contention. Related correspondence.
 WRIGHT, N.A. Hearing Branch 2. #484 920. 84/11/02. Atomic Safety and Licensing Board Panel. 1p. 27364:349. 24X
 Fiche: 50-352, 84/11/02, 8411070132.

--8411070137 Testimony of T Urbanik re Limerick Ecology Action-24/Friends of the Earth-1 emergency planning contention. Related correspondence.
 URBANIK, T. NRC - No Detailed Affiliation Given. URBANIK, T. Texas A&M Univ., College Station, TX. 84/11/02. 7pp. 27364:350. 24X
 Fiche: 50-352, 84/11/02, 8411070132.

8411060488 Testimony re admitted offsite emergency planning contentions. Prof qualifications of JR Asher, RZ Kincad & JH Keller encl. Related correspondence.
 * Federal Emergency Management Agency. #484 938. 84/11/05. 109pp. 27315:063. 24X Fiche: 50-352, 84/11/05, 8411060488.

8411130626 Forwards testimony of TR Campbell on Limerick Ecology Action contentions re Chester County emergency plan & biographical summary of M Worman inadvertently omitted from 841101 ltr. Related correspondence.
 FERKIN, Z.G. Pennsylvania, Commonwealth of. #484 074. 84/11/09. HOYT, H.F., COLE, R.F., HARBDUR, J. Atomic Safety and Licensing Board Panel. 1p. 27458:299. 24X Fiche: 50-352, 84/11/09, 8411130626.

--8411130630 Testimony of TR Campbell on Limerick Ecology Action contentions re offsite emergency planning. Related correspondence.
 CAMPBELL, T.S. Chester County, PA. 84/11/09. 19pp. 27458:300. 24X Fiche: 50-352, 84/11/09, 8411130626.

8411210155 Transcript of 841115 hearing in Pottstown, PA. Pp 12, 314-12, 630. Supporting documentation encl.
 * Atomic Safety and Licensing Board Panel. 84/11/15. 375pp. 27592:001. 24X Fiche: 50-352, 84/11/15, 8411210155.

8411260255 Transcript of 841116 hearing in Linfield, PA. Pp 12, 631-12, 722. Supporting documentation encl.
 * Atomic Safety and Licensing Board Panel. 84/11/16. 113pp. 27609:015. 24X Fiche: 50-352, 84/11/16, 8411260255.

8411270339 Transcript of 841119 hearing in Philadelphia, PA re evidentiary presentations on emergency planning contentions. Pp 12, 723-12, 842. Supporting documentation encl.
 * Atomic Safety and Licensing Board Panel. 84/11/19. 164pp. 27632:193. 24X Fiche: 50-352, 84/11/19, 8411270339.

8411270256 Transcript of 841120 hearing in Philadelphia, PA. Pp 13, 843-13, 079.
 * Atomic Safety and Licensing Board Panel. 84/11/20. 237pp. 27634:253. 24X Fiche: 50-352, 84/11/20, 8411270256.

8411270195 Transcript of 841121 hearing in Philadelphia, PA. Pp 13, 080-13, 170.
 * Atomic Safety and Licensing Board Panel. 84/11/21. 92pp. 27629:129. 24X Fiche: 50-352, 84/11/21, 8411270195.

8411270317 Testimony of R Bradshaw & R Klimm re Limerick Ecology Action deferred offsite emergency planning contentions. Certificate of Svc encl. Related correspondence.
 BRADSHAW, R., KLIMM, R. Philadelphia Electric Co. #484 289. 84/11/26. 22pp. 27630:155. 24X Fiche: 50-352, 84/11/26, 8411270317.

8411290204 Transcript of 841126 hearing in Philadelphia, PA. Pp 13, 171-13, 301.
 * Atomic Safety and Licensing Board Panel. 84/11/26. 131pp. 27678:039. 24X Fiche: 50-352, 84/11/26, 8411290204.

V. Operator Examinations

8411020124 Staff requirements memo re Commission 841022 briefing in Washington, DC re status of near-term OLs & Asselstine request for info on status of operator training & operator exams.
 CHILK, S.J. Office of the Secretary of the Commission. 84/10/24. DIRKS, W.J. Office of the Executive Director for Operations. 1p. 27262:286. 24X Fiche: 50-000, 84/10/24, 8411020124.

DOCKET 50-354 HOPE CREEK NUCLEAR STATION, UNIT 1

A. Application/construction stage documents & correspondence

8411010327 Forwards tabulation of FSAR commitments through Sept 1984 & corresponding resolution for commitments. Response will be incorporated in Amend 8 or 9.
 MITTL, R.L., DOUGLAS, R.P. Public Service Electric & Gas Co. of New Jersey. 84/10/29. SCHWENCER, A. Licensing Branch 2. 47pp. 27231:001. 24X Fiche: 50-354, 84/10/29, 8411010327.

8411070092 Forwards revised responses to FSAR Questions 410.69 & 430.88. Summary of reduced standby diesel generator loading to accommodate standing hurricane after loss of offsite power also encl.
 MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 84/11/02. SCHWENCER, A. Licensing Branch 2. 32pp. 27363:343. 24X Fiche: 50-354, 84/11/02, 8411070092.

8411140252 Forwards Amend 8 to FSAR. Amend 8 contains revised question responses, text changes due to resolution of draft SER open items, updated drawings tabulated in FSAR Section 1.7 & general revs to text. W/o encl.
 MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 84/11/02. SCHWENCER, A. Licensing Branch 2. 2pp. 27468:248. 24X Fiche: 50-354, 84/11/02, 8411140252.

8411090102 Forwards revs to FSAR Table 9.1-10 & Section 9.1.5.6, per 841029 discussions re response to heavy loads - Phase I. Revs will be incorporated into Amend 9 to FSAR.
 MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 84/11/05. SCHWENCER, A. Licensing Branch 2. 4pp. 27398:297. 24X Fiche: 50-354, 84/11/05, 8411090102.

8411200601 Notification of 841120 meeting w/util in Bethesda, MD to discuss training programs.
 WAGNER, D.H. Licensing Branch 2. 84/11/09. SCHWENCER, A. Licensing Branch 2. 3pp. 27586:343. 24X Fiche: 50-354, 84/11/09, 8411200601.

8411210192 Approves 840730 request for withholding Metal Bellows Corp. "Documentation of Compliance of MBC P/N 73989 Flexible Metal Instrument Assembly to Requirements of ASME Section III NC 3649.2 & Code Case N-192," per 840730 request.
 SCHWENCER, A. Licensing Branch 2. 84/11/14. MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 2pp. 27617:352. 24X Fiche: 50-354, 84/11/14, 8411210192.

8411210392 Approves 840328 preoperational & operational salt drift monitoring program. Adoption of program will effectively resolve CP stage issue re effect of salt deposits from cooling tower on environ.
 SCHWENCER, A. Licensing Branch 2. 84/11/14. MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 2pp. 27626:071. 24X Fiche: 50-354, 84/11/14, 8411210392.

8411260285 Forwards addendum to updated master equipment list for seismic & dynamic qualification summary & status of safety-related equipment. Revised active pump list encl.
 MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 84/11/16. SCHWENCER, A. Licensing Branch 2. 20pp. 27613:075. 24X Fiche: 50-354, 84/11/16, 8411260285.

8411280264 Forwards request for addl info re licensee 840210 plant-unique analysis rept. Info re hydrodynamic loads requested by 840201. Info for structural review of rept requested by 850104.
 SCHWENCER, A. Licensing Branch 2. 84/11/16. MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 16pp. 27675:340. 24X Fiche: 50-354, 84/11/16, 8411280264.

E. NRC Safety Evaluation Report (SER), suppl's & correspondence

8411210181 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF HOPE CREEK GENERATING STATION. Docket No. 50-354. (Public Service Electric and Gas Company).
 * Division of Licensing: NUREG-1048. 84/10/31. 704pp. Available at NRC. \$12.00. 27621:055. 24X Fiche: 50-354, 84/10/31, 8411210181.

8411140252 Forwards Amend 8 to FSAR. Amend 8 contains revised question responses, text changes due to resolution of draft SER open items, updated drawings tabulated in FSAR Section 1.7 & general revs to text. W/o encl.
 MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 84/11/02. SCHWENCER, A. Licensing Branch 2. 2pp. 27468:248. 24X Fiche: 50-354, 84/11/02, 8411140252.

8411200075 Forwards SER (NUREG 1048) & FR notice of issuance & availability. W/o NUREG.
 SCHWENCER, A. Licensing Branch 2. 84/11/08. MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 3pp. 27598:048. 24X Fiche: 50-354, 84/11/08, 8411200075.

DOCKETED ITEMS

195

--8411200078 Notice of issuance & availability of SER (NUREG-1048).
SCHWENCER, A. Licensing Branch 2. 84/11/08. 1p. 27598:051. 24X
Fiche: 50-354, 84/11/08, 8411200075.

F. Security, medical, emergency & fire protection plans

8411030259 Informs of 841113-15 preimplementation audit of detailed control room design review to evaluate results of review to date. Access to site & control room areas for NRC & contractors & clearance for camera equipment requested.
SCHWENCER, A. Licensing Branch 2. 84/10/24. MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 4pp. 27309:334. 24X
Fiche: 50-354, 84/10/24, 8411030259.

8411160350 Forwards Rev 5 to emergency plan, incorporating comments from 840621 emergency preparedness meeting & 840920 telcon between util & Emergency Preparedness Licensing Branch.
MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 84/11/09. SCHWENCER, A. Licensing Branch 2. 3pp. 27537:038. 24X
Fiche: 50-354, 84/11/09, 8411160350.

--8411160354 Rev 5 to emergency plan.
KASNER, D., JOHNSON, C.P., NICHOLS, J. Public Service Electric & Gas Co. of New Jersey. 84/10/31. 15pp. 27537:041. 24X
Fiche: 50-354, 84/11/09, 8411160350.

G. Adjudicatory correspondence

8411140476 Amended motion to discuss Public Advocate of New Jersey contentions for failure to comply w/ASLB discovery orders. Certificate of Svc encl.
CONNER, T.B. Public Service Electric & Gas Co. of New Jersey. CONNER, T.B. Conner & Wetterhahn. #484 119. 84/11/13. Atomic Safety and Licensing Board Panel. 6pp. 27491:007. 24X
Fiche: 50-354, 84/11/13, 8411140476.

8411260002 Response to applicant amended motion to dismiss proceeding. Motion lacks basis in fact or law. Dismissal of motion advised. Establishment of prehearing discovery schedule requested. Certificate of Svc encl.
SHAPIRO, R.E., REMIS, S.C., THURBER, J.P. New Jersey, State of. #484 262. 84/11/21. Atomic Safety and Licensing Board Panel. 6pp. 27613:304. 24X Fiche: 50-354, 84/11/21, 8411260002.

8411270378 Order to show cause why OL proceeding should not be dismissed. Served on 841123.
MILLER, M.E. Atomic Safety and Licensing Board Panel. #484 293. 84/11/21. New Jersey, State of. 4pp. 27628:290. 24X
Fiche: 50-354, 84/11/21, 8411270378.

8411260039 Notice of appearance in proceeding.
THURBER, J.P. New Jersey, State of. #484 282. 84/11/23. 1p. 27614:133. 24X Fiche: 50-354, 84/11/23, 8411260039.

K. Utility Final Safety Analysis Report (FSAR) & amends

8411190390 Forwards affidavit certifying distribution of Amend B to FSAR, per 10CFR2.101. Amend B to FSAR contains revised question responses, draft SER open item resolutions, updated drawings & general revs.
MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 84/11/13. SCHWENCER, A. Licensing Branch 2. 5pp. 27551:154. 24X
Fiche: 50-354, 84/11/13, 8411190390.

G. Inspection reports, IE Bulletins & correspondence

8411120247 Forwards Insp Rept 50-354/84-13 on 840820-24. No violation noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/17. MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 4pp. 27436:271. 24X Fiche: 50-354, 84/10/17, 8411120247.

--8411120265 Insp Rept 50-354/84-13 on 840820-24. No violations noted. Major areas inspected: status of installed safety-related equipment, vendor documentation & QC records of piping equipment & QA audit records.
NARROW, L., DURR, J.P. Region 1, Office of Director. 84/09/21. 5pp. 27436:275. 24X Fiche: 50-354, 84/10/17, 8411120247.

841130031 Forwards Investigation Rept 1-82-045 at Susquehanna Unit 1 on 820719-1118. No noncompliance noted. Since Bechtel is principal contractor at Hope Creek, investigation of possible falsification of records requested.
MURLEY, T.E. Region 1, Office of Director. 84/10/17. MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 3pp. 27460:343. 24X Fiche: 50-354, 84/10/17, 841130031.

841130113 Forwards Insp Rept 50-354/84-12 on 840806-0916 & notice of violation.
GREENMAN, E.G. Division of Project & Resident Programs. 84/10/17. MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 4pp. 27460:175. 24X Fiche: 50-354, 84/10/17, 841130113.

--841130120 Notice of violation from insp on 840806-0916.
* Region 1, Office of Director. 84/10/17. 1p. 27460:179. 24X
Fiche: 50-354, 84/10/17, 841130113.

--841130128 Insp Rept 50-354/84-12 on 840806-0916. Violation noted: failure to follow informal instructions to track resolution of outstanding comments against preoperational review committee approved test procedure.
BATEMAN, W.H., STROSNIDER, J. Region 1, Office of Director. 84/10/17. 17pp. 27460:180. 24X Fiche: 50-354, 84/10/17, 841130113.

8411010429 Forwards request for addl info re preservice program for review of application for OL.
SCHWENCER, A. Licensing Branch 2. 84/10/23. MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 4pp. 27251:284. 24X
Fiche: 50-354, 84/10/23, 8411010429.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411210321 Forwards Insp Rept 50-354/84-17 on 841001-04 No violation or deviation noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/01. MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 4pp. 27617:031. 24X Fiche: 50-354, 84/11/01, 8411210321.

--8411210322 Insp Rept 50-354/84-17 on 841001-04. No violation or deviation noted. Major areas inspected: preoperational environ surveillance program, including organization & mgt controls, personnel selection & documentation.
BICEHOUSE, H., CARSON, B., PASCIAK, W. Region 1, Office of Director. 84/10/29. 7pp. 27617:035. 24X Fiche: 50-354, 84/11/01, 8411210321.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411200600 Notification of 841126 meeting w/util in Bethesda, MD to discuss applicant responses to 841023 request for addl info re preservice & inservice insp programs.
WAGNER, D.H. Licensing Branch 2. 84/11/09. SCHWENCER, A. Licensing Branch 2. 3pp. 27586:346. 24X Fiche: 50-354, 84/11/09, 8411200600.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

8411290124 Responds to NRC 841017 ltr re violations noted in Insp Rept 50-354/84-12. Corrective actions: procedures amended assigning responsibility for controlling & tracking status of action items.
MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 84/11/16. MURLEY, T.E. Region 1, Office of Director. 2pp. 27679:254. 24X Fiche: 50-354, 84/11/16, 8411290124.

DOCKETED ITEMS

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411260363 Forwards Insp Rept 50-354/84-23 on 841023-26 re induced voltage actuations in Bailey logic modules & replacement of polymer seal matl installed in T-ASCO scram pilot solenoid valves. Impact of test program undetermined.
GREENMAN, E.G. Region 1, Office of Director. 84/11/19. MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 4pp. 27611:146. 24X Fiche: 50-354, 84/11/19, 8411260363.

--8411260372 Insp Rept 50-354/84-23 on 841023-26. Deficiencies noted: review of design info requests indicated difficulty in obtaining setpoint, range, accuracy, tolerance model number & logic.
KELLY, E.M., STROSNIDER, J. Region 1, Office of Director. 84/11/16. 15pp. 27611:150. 24X Fiche: 50-354, 84/11/19, 8411260363.

S. Reportable occurrences, LERs & related correspondence

8411060099 Final significant const deficiency rept re cracked bosses on diesel generator lube oil pump discharge nozzles. Initially reported on 840425. Bosses machined down 0.06 inches. Colt adapters to be installed by 841026.
MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 84/09/28. MURLEY, T.E. Region 1, Office of Director. 2pp. 27352:338. 24X Fiche: 50-354, 84/09/28, 8411060099.

8411060231 Final significant const deficiency rept re loosening of antirotational collar setscrews in Anchor Darling globe valves. Setscrews will be checked for tightness. QC verification of tightness will be documented.
MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 84/09/28. MURLEY, T.E. Region 1, Office of Director. 2pp. 27351:258. 24X Fiche: 50-354, 84/09/28, 8411060231.

8411060581 Interim const deficiency rept re butterfly valves supplied by BIF Industries. Initially reported on 840831. Chemical analysis revealed tapered pins made of 400 series stainless steel instead of Monel.
MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 84/09/28. MURLEY, T.E. Region 1, Office of Director. 2pp. 27350:192. 24X Fiche: 50-354, 84/09/28, 8411060581.

8411060600 Final Part 21 & deficiency rept re underrated electrical cable. Initially reported on 840720. Bechtel issued design Change Notice 37 against Drawing E-1408 providing for replacement of underrated cable.
MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 84/09/28. MURLEY, T.E. Region 1, Office of Director. 2pp. 27350:200. 24X Fiche: 50-354, 84/09/28, 8411060600.

841120054 Final significant const deficiency rept re induced voltage actuations in Bailey Controls Co Model 862 digital logic modules in IE & non-IE circuits. Initially reported on 840914. All Model 862 modules modified.
MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 84/10/15. MURLEY, T.E. Region 1, Office of Director. 3pp. 27437:326. 24X Fiche: 50-354, 84/10/15, 841120054.

8411060175 Interim Part 21 rept re GPE Controls jacket water check valves used on four diesel generator sets. Valves upgraded to eliminate potential defect described in 840505 rept.
MORIARTY, J.M. Colt Industries, Inc. 84/10/26. KEPLER, J.G. Region 3, Office of Director. 1p. 27323:202. 24X Fiche: 50-354, 84/10/26, 8411060175.

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

8411280567 Interim significant const deficiency rept re incorrect matl in butterfly valves disc pins from BIF Industries. Initially reported on 840831. All valves being tested by Bechtel w/ completion by 850215. Final rept expected by 850301.
MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 84/11/02. MURLEY, T.E. Region 1, Office of Director. 2pp. 27689:129. 24X Fiche: 50-354, 84/11/02, 8411280567.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Rustin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411290111 Interim deficiency & Part 21 rept re low voltage cut off setting on GE supplied Topaz inverters. Initially reported on 841009. Engineering dept reviewing Bechtel analysis & proposed corrective action. Final rept expected by 841214.
MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 84/11/08. MURLEY, T.E. Region 1, Office of Director. 2pp. 27721:118. 24X Fiche: 50-354, 84/11/08, 8411290111.

DOCKET 50-355 HOPE CREEK NUCLEAR STATION, UNIT 2

G. Inspection reports, IE Bulletins & correspondence

841130031 Forwards Investigation Rept 1-82-065 at Susquehanna Unit 1 on 820719-1118. No noncompliance noted. Since Bechtel is principal contractor at Hope Creek, investigation of possible falsification of records requested.
MURLEY, T.E. Region 1, Office of Director. 84/10/17. MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 3pp. 27460:343. 24X Fiche: 50-354, 84/10/17, 841130031.

S. Reportable occurrences, LERs & related correspondence

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

DOCKET 50-356 UNIV. OF ILLINOIS RESEARCH REACTOR

F. Security, medical, emergency & fire protection plans

8411280384 Forwards "Emergency Plan Evaluation Rept, Univ of Illinois." Plan acceptable. Implementation of emergency plan & notification within 120 days of 1tr date required.
THOMAS, C.O. Standardization & Special Projects Branch. 84/11/16. HILEY, G.H. Illinois, Univ. of, Urbana, IL. 3pp. 27683:325. 24X Fiche: 50-151, 84/11/16, 8411280384.

--8411280387 "Emergency Plan Evaluation Rept, Univ of Illinois." * NRC - No Detailed Affiliation Given. 84/11/16. 3pp. 27683:328. 24X Fiche: 50-151, 84/11/16, 8411280384.

DOCKET 50-358 WILLIAM H. ZIMMER NUCLEAR STATION, UNIT 1

A. Application/construction stage documents & correspondence

841130554 Forwards FR notice of withdrawal of application for OL & termination of proceeding, per 840320 request.
EISENHUT, D.G. Office of Nuclear Reactor Regulation, Director. 84/10/31. SCHOTT, J.R. Cincinnati Gas & Electric Co. 6pp. 27472:053. 24X Fiche: 50-358, 84/10/31, 841130554.

--841130555 Notice of withdrawal of application for OL & termination of proceeding.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/31. 2pp. 27472:059. 24X Fiche: 50-358, 84/10/31, 841130554.

I. Financial information

8411260593 Advises of completion of review of financial info submitted in 841108 1tr. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. FIRESTONE, L. Ohio Edison Co. 1p. 27645:347. 24X Fiche: 50-000, 84/11/16, 8411260593.

8411260606 Advises of completion of review of financial info submitted for 1984. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. MAUGANS, E.H. Cleveland Electric Illuminating Co. 1p. 27645:344. 24X Fiche: 50-000, 84/11/16, 8411260606.

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
ORACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

DOCKETED ITEMS

197

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERS & related correspondence

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

DOCKET 50-359 WILLIAM H. ZIMMER NUCLEAR STATION, UNIT 2

S. Reportable occurrences, LERS & related correspondence

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

DOCKET 50-361 SAN ONOFRE NUCLEAR STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411060228 Forwards description of changes & Rev 3 to Aug 1979 security force training & qualification plan. Description withheld (ref 10CFR73.21).
HAYNES, J.G. Southern California Edison Co. 84/10/23. MARTIN, J.B. Region 5, Office of Director. 1p. 27324:055. 24X Fiche: 50-206, 84/10/23, 8411060228.

8411140303 Summary of 840830 meeting w/util. Science Applications, Inc & C-E re detailed controlled room design review. Meeting minutes, list of attendees & agenda encl.
ROOD, H. Licensing Branch 3. 84/10/23. Licensing Branch 3. 20pp. 27525:167. 24X Fiche: 50-361, 84/10/23, 8411140303.

8411090251 Provides info re fire protection open items listed in Insp Repts 50-206/84-01, 50-361/84-01 & 50-362/84-01. Investigation of items & results discussed.
HAYNES, J.G. Southern California Edison Co. 84/10/26. MARTIN, J.B. Region 5, Office of Director. 3pp. 27398:020. 24X Fiche: 50-206, 84/10/26, 8411090251.

8411140226 Forwards sections of Revs 0 & 2 to emergency plan amend for insertion into Emergency Plan Manual 167. Ack of receipt requested by 841207.
* Southern California Edison Co. 84/11/07. NRC - No Detailed Affiliation Given. 6pp. 27469:014. 24X Fiche: 50-206, 84/11/07, 8411140226.

8411160318 Revised emergency plan implementing procedures, including S0123-VIII-80 re emergency group leader duties & S0123-VIII-70.1 re site communications equipment operator duties. W/841108 ltr.
CRODY, P.A. Southern California Edison Co. 84/11/08. MARTIN, J.B. Region 5, Office of Director. 95pp. 27533:141. 24X Fiche: 50-206, 84/11/08, 8411160318.

8411160331 Forwards "Offsite Hazards Evaluation 1984," describing assumptions, methods & results of evaluation of hazard to facility from explosives & toxic gas shipments on Interstate 5 & AT&SF railroad, per Tech Spec requirements.
MEDFORD, M.O. Southern California Edison Co. 84/11/08. MARTIN, J.B. Region 5, Office of Director. 2pp. 27537:014. 24X Fiche: 50-361, 84/11/08, 8411160331.

--8411160336 "Offsite Hazards Evaluation 1984."
* Nucon, Inc. 84/11/30. 22pp. 27537:016. 24X Fiche: 50-361, 84/11/08, 8411160331.

8411260256 Forwards Rev 2 to physical security plan to restore or increase security measure. Rev withheld (ref 10CFR73.21).
DURST, J.B. Southern California Edison Co. 84/11/12. MCGUEN, A. Region 5, Office of Director. 1p. 27613:114. 24X Fiche: 50-206, 84/11/12, 8411260256.

8411290355 Rev 0 to emergency plan re onsite emergency coordination.
PHILLIPS, S. Southern California Edison Co. 84/11/20. 9pp. 27677:224. 24X Fiche: 50-206, 84/11/20, 8411290355.

I. Financial information

8411070053 Forwards two ltrs dtd 841022 & State of CA pollution control financing authority 841030 ltr re applications from San Diego Gas & Electric Co & Southern CA Edison Co.
THOMAS, R.D. Region 5, Office of Director. 84/11/01. CASE, E.G. Office of Nuclear Reactor Regulation, Director. 1p. 27355:287. 24X Fiche: 50-000, 84/11/01, 8411070053.

--8411070064 Requests review & certification of referenced project per Application 420 for financing of pollution control, solid waste disposal & sewage disposal facilities.
CHANDLER, D.E. California. State of. 84/10/22. THOMAS, R. Region 5, Office of Director. 27pp. 27355:288. 24X Fiche: 50-000, 84/11/01, 8411070053.

--8411070124 Requests review & certification of referenced project per Application 421 for financing of pollution control, solid waste disposal & sewage disposal facilities.
CHANDLER, D.E. California. State of. 84/10/22. THOMAS, R. Region 5, Office of Director. 26pp. 27356:024. 24X Fiche: 50-000, 84/11/01, 8411070053.

P. Operating license stage documents & correspondence

8411090067 Requests publication of FR notice of consideration of issuance of amend to Licenses NPF-10 & NPF-15 & proposed NSHC determination & opportunity for hearing re ESF actuation sys.
KNIGHTON, G.W. Licensing Branch 3. 84/09/12. MILLER, J.R. Operating Reactors Branch 3. 5pp. 27424:275. 24X Fiche: 50-361, 84/09/12, 8411090067.

8411010385 Forwards Amends 24 & 13 to Licenses NPF-10 & NPF-15, respectively & safety evaluation. Amends modify Tech Specs to change max surveillance interval for ESF actuation sys subgroup relays from 6 to 18 months.
KNIGHTON, G.W. Licensing Branch 3. 84/09/24. BASKIN, K.P. Southern California Edison Co. HOLCOMBE, J.C. San Diego Gas & Electric Co. 3pp. 27265:076. 24X Fiche: 50-361, 84/09/24, 8411010385.

--8411010393 Amends 24 & 13 to Licenses NPF-10 & NPF-15, respectively, modifying Tech Specs to change max surveillance interval for ESF actuation sys subgroup relays from 6 to 18 months.
KNIGHTON, G.W. Licensing Branch 3. 84/09/24. 10pp. 27265:079. 24X Fiche: 50-361, 84/09/24, 8411010385.

--8411010407 Safety evaluation supporting Amends 24 & 13 to Licenses NPF-10 & NPF-15, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/09/24. 4pp. 27265:089. 24X Fiche: 50-361, 84/09/24, 8411010385.

8411020159 Requests FR publication of notice of issuance of Amends 24 & 13 to Licenses NPF-10 & NPF-15, respectively, changing max surveillance interval for 23 ESF actuation sys subgroup relays from 6 months to 18 months.
KNIGHTON, G.W. Licensing Branch 3. 84/10/15. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27262:279. 24X Fiche: 50-361, 84/10/15, 8411020159.

DOCKETED ITEMS

8411140215 Forwards Amends 26 & 15 to Licenses NPF-10 & NPF-15, respectively & safety evaluation. Amends change Tech Specs to allow manual coupling & uncoupling of control element assemblies (CEA) & weighing of CEAs during refueling.
KNIGHTON, G.W. Licensing Branch 3. 84/10/26. BASKIN, K.P. Southern California Edison Co. HOLCOMBE, J.C. San Diego Gas & Electric Co. 4pp. 27526:281. 24X Fiche: 50-361, 84/10/26, 8411140215.

--8411140225 Amends 26 & 15 to Licenses NPF-10 & NPF-15, respectively, changing Tech Specs to allow manual coupling & uncoupling of control element assemblies (CEA) & weighing of CEAs during refueling.
KNIGHTON, G.W. Licensing Branch 3. 84/10/26. 30pp. 27526:285. 24X Fiche: 50-361, 84/10/26, 8411140215.

--8411140227 Safety evaluation supporting Amends 26 & 15 to Licenses NPF-10 & NPF-15, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/26. 8pp. 27526:315. 24X Fiche: 50-361, 84/10/26, 8411140215.

8411200374 Requests FR publication of notice of issuance of Amends 26 & 15 to Licenses NPF-10 & NPF-15, respectively, modifying Tech Specs to allow manual coupling & uncoupling of control element assemblies.
KNIGHTON, G.W. Licensing Branch 3. 84/10/26. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27597:309. 24X Fiche: 50-361, 84/10/26, 8411200374.

8411130661 Notification of 841108 meeting w/C-E & utils in Bethesda, MD to discuss long-term improvement project on core protection calculators.
LEE, R.S. Operating Reactors Branch 3. 84/11/01. MILLER, J.R. Operating Reactors Branch 3. 3pp. 27471:313. 24X Fiche: 50-000, 84/11/01, 8411130661.

8411140378 Forwards Change Notice 11 of Amend 7 to SCE-1-A, "QA Program" for Southern California Edison Co.
MEDFORD, M.O. Southern California Edison Co. 84/11/02. MARTIN, J.B. Region 5, Office of Director. 1p. 27468:299. 24X Fiche: 50-206, 84/11/02, 8411140378.

--8411140384 Change Notice 11 of Amend 7 to SCE-1-A, "QA Program" for Southern California Edison Co.
* Southern California Edison Co. SCE-1-A A07 R11. 84/11/02. 7pp. 27468:300. 24X Fiche: 50-206, 84/11/02, 8411140378.

8411120251 Forwards proprietary & nonproprietary versions of "Statistical Combination of Uncertainties," Parts II & III, per 840720 & 0928 ltrs. Affidavit requesting proprietary rept be withheld (ref 10CFR2.790) encl.
MEDFORD, M.O. Southern California Edison Co. 84/11/07. KNIGHTON, G.W. Licensing Branch 3. 6pp. 27426:095. 24X Fiche: 50-361, 84/11/07, 8411120251.

--8411120289 Nonproprietary "Statistical Combination of Uncertainties, Part II, Uncertainty Analysis of Limiting Safety Sys Settings."
* Combustion Engineering, Inc. CEN-283(S)-NP V02. 84/10/31. 61pp. 27426:101. 24X Fiche: 50-361, 84/11/07, 8411120251.

--8411120305 Nonproprietary "Statistical Combination of Uncertainties, Part III, Uncertainty Analysis of Limiting Conditions for Operation."
* Combustion Engineering, Inc. CEN-283(S)-NP V03. 84/10/31. 42pp. 27426:162. 24X Fiche: 50-361, 84/11/07, 8411120251.

8411140180 Responds to 841025 questions re reload analysis rept. Safety analysis for inadvertent boron dilution event analyzed to determine time to criticality from initiation of event. Alarms assist operator in identifying boron dilution event.
MEDFORD, M.O. Southern California Edison Co. 84/11/09. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27466:358. 24X Fiche: 50-361, 84/11/09, 8411140180.

8411140241 Requests inclusion of manual actuation of turbine generator isolation sys on detection of chlorine or ammonia. Requirement will be implemented after Proposed Change NPF-10/15-135 becomes effective.
MEDFORD, M.O. Southern California Edison Co. 84/11/09. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27469:284. 24X Fiche: 50-361, 84/11/09, 8411140241.

8411190429 Forwards proprietary & nonproprietary "Phase I Core Protection Calculator Test Rept for San Onofre Nuclear Generating Station Units 2 & 3" & "Core Protection Calculator Data Base Rept." Affidavit encl.
MEDFORD, M.O. Southern California Edison Co. 84/11/15. KNIGHTON, G.W. Licensing Branch 3. 7pp. 27549:087. 24X Fiche: 50-361, 84/11/15, 8411190429.

--8411190441 Nonproprietary Rev 1 to "San Onofre Nuclear Generating Station Unit 2 Core Protection Calculator & Control Element Assembly Calculator Data Base Listing."
* Combustion Engineering, Inc. CEN-266(S)-NP R01. 84/10/31. 67pp. 27549:094. 24X Fiche: 50-361, 84/11/15, 8411190429.

--8411190449 Nonproprietary Rev 2 to "Core Protection Calculator/Control Element Assembly Calculator Sys Phase II Software Verification Test Rept."
* Combustion Engineering, Inc. CEN-269(S)-NP R02. 84/11/30. 26pp. 27549:162. 24X Fiche: 50-361, 84/11/15, 8411190429.

--8411190455 Nonproprietary Rev 3 to "Core Protection Calculator/Control Element Assembly Calculator Sys Phase I Software Verification Test Rept."
* Combustion Engineering, Inc. CEN-176(S)-NP R03. 84/11/30. 27pp. 27549:189. 24X Fiche: 50-361, 84/11/15, 8411190429.

--8411190460 Nonproprietary Rev 1 to "Core Protection Calculator/Control Element Assembly Calculator Software Mods."
* Combustion Engineering, Inc. CEN-281(S)-NP R01. 84/11/30. 24pp. 27549:217. 24X Fiche: 50-361, 84/11/15, 8411190429.

G. Inspection reports, IE Bulletins & correspondence

8411080572 Forwards Insp Repts 50-206/84-25, 50-361/84-28 & 50-362/84-29 on 841001-05. No violations noted.
BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 84/10/18. BASKIN, K.P. Southern California Edison Co. 2pp. 27396:358. 24X Fiche: 50-206, 84/10/18, 8411080572.

--8411080578 Insp Repts 50-206/84-25, 50-361/84-28 & 50-362/84-29 on 841001-05. No violations noted. Major areas inspected: TMI action plan requirements.
KELLUND, G.C., YOUNG, T. Region 5, Office of Director. 84/10/17. 4pp. 27396:360. 24X Fiche: 50-206, 84/10/18, 8411080572.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411090251 Provides info re fire protection open items listed in Insp Repts 50-206/84-01, 50-361/84-01 & 50-362/84-01. Investigation of items & results discussed.
HAYNES, J.G. Southern California Edison Co. 84/10/26. MARTIN, J.B. Region 5, Office of Director. 3pp. 27398:020. 24X Fiche: 50-206, 84/10/26, 8411090251.

8411160282 Forwards Insp Repts 50-206/84-23, 50-361/84-26 & 50-362/84-27 on 840904-07 & 24-28. No noncompliance noted.
BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 84/10/26. BASKIN, K.P. Southern California Edison Co. 2pp. 27545:001. 24X Fiche: 50-206, 84/10/26, 8411160282.

--8411160292 Insp Repts 50-206/84-23, 50-361/84-26 & 50-362/84-27 on 840904-07 & 24-28. No violations or deviations noted. Major areas inspected: licensee action on TMI action plan requirements & IE bulletins.
HAIST, D.P., JOHNSON, P.H. Region 5, Office of Director. 84/10/24. 10pp. 27545:003. 24X Fiche: 50-206, 84/10/26, 8411160282.

8411120262 Ack receipt of 840806 response to 840710 notice of violation & proposed imposition of civil penalty. No mitigation warranted for proposed civil penalty per encl order. Order withheld (ref 10CFR2.790).
TAYLOR, J.M. Director's Office, Office of Inspection and Enforcement. 84/11/01. KELLY, R.J. Georgia Power Co. 2pp. 27435:361. 24X Fiche: 50-321, 84/11/01, 8411120262.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKETED ITEMS

199

8411140232 Forwards Exam Repts 50-361/DL-84-02 & 50-362/DL-84-01 administered on 841001-05. Exam results 20 candidates passed & 1 failed operating exam. ELIN, J. D. Region 5, Office of Director. 84/11/09. RAY, H. Southern California Edison Co. 2pp. 27469:142. 24X Fiche: 50-361, 84/11/09, 8411140232.

--8411140337 Exam Repts 50-361/DL-84-02 & 50-362/DL-84-02 administered on 841001-05. Exam results 20 candidates passed & 1 failed operating exam. O'BRIAN, J. P., ELIN, J. D. Region 5, Office of Director. 84/11/09. 37pp. 27469:144. 24X Fiche: 50-361, 84/11/09, 8411140232.

8411140306 Forwards for review, draft SALP Repts 50-206/84-32, 50-361/84-31 & 50-362/84-32 for June 1983 - Sept 1984. Repts to be discussed at 841115 SALP Board meeting. KIRSCH, D. F. Region 5, Office of Director. 84/11/09. HAIST, D., CHAFFEE, A., JOHNSON, P. Region 5, Office of Director. 1p. 27469:335. 24X Fiche: 50-206, 84/11/09, 8411140306.

--8411140319 Draft SALP Repts 50-206/84-32, 50-361/84-31 & 50-362/84-32 for June 1983 - Sept 1984. * Region 5, Office of Director. 84/11/09. 31pp. 27469:336. 24X Fiche: 50-206, 84/11/09, 8411140306.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411150233 Forwards monthly operating repts for Sept 1984 & Rev 15 to "Offsite Dose Calculation Manual" & description of 840826 challenge to Unit 2 safety valves. HAYNES, J. G. Southern California Edison Co. 84/10/11. Office of Resource Management, Director. 1p. 27529:279. 24X Fiche: 50-361, 84/10/11, 8411150233.

--8411150239 Monthly operating repts for Sept 1984. MAYNEATHER, L. I. Southern California Edison Co. 84/09/30. 12pp. 27529:280. 24X Fiche: 50-361, 84/10/11, 8411150233.

--8411150242 Rev 15 to "Offsite Dose Calculation Manual." Description of 840826 challenge to Unit 2 safety valves encl. * Southern California Edison Co. 84/08/14. 15pp. 27529:292. 24X Fiche: 50-361, 84/10/11, 8411150233.

S. Reportable occurrences, LERs & related correspondence

8411070298 LER 84-054-00: on 840924, low level alarms received on plant ventilation stack monitors 2RE-7865 & 3RE-7865. Caused by failure of south gas stripper preheater drain valve SA1901MU702. Valve repaired. W/841024 ltr. HAYNES, J. G. Southern California Edison Co. 84/10/24. 3pp. 27388:318. 24X Fiche: 50-361, 84/10/24, 8411070298.

8411090326 Special rept: on 840808 & 1012, area radiation monitors 2RI-7856 & 2RI-7857, respectively, declared inoperable when found out of calibr. Caused by instrument drift during 31-day surveillance. Alternate method of monitoring initiated. HAYNES, J. G. Southern California Edison Co. 84/10/26. MARTIN, J. B. Region 5, Office of Director. 2pp. 27400:125. 24X Fiche: 50-361, 84/10/26, 8411090326.

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions. KAISER, A. F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. 3pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

8411120133 LER 84-055-00: on 840928, spurious toxic gas isolation sys Train B actuation occurred. Caused by meter on toxic gas isolation sys panel being less than setpoints. Meter reset. W/841029 ltr. HAYNES, J. G. Southern California Edison Co. 84/10/29. 3pp. 27437:019. 24X Fiche: 50-361, 84/10/29, 8411120133.

8411120153 LER 84-056-00: on 841002, failure of vital inverter 2Y002 resulted in de-energization of Channel B 120-volt ac vital bus. Caused by diode short in power supply. Power supply replaced & tested. W/841029 ltr. HAYNES, J. G. Southern California Edison Co. 84/10/29. 3pp. 27436:202. 24X Fiche: 50-361, 84/10/29, 8411120153.

8411160065 LER 84-057-00: on 841003, control room isolation sys (CRIS) Train A spuriously actuated during check source test. Caused by premature removal of CRIS radiation monitor 2/3RI-7824. Operator counseled on proper test procedures. W/841101 ltr. HAYNES, J. G. Southern California Edison Co. 84/11/01. 2pp. 27544:133. 24X Fiche: 50-361, 84/11/01, 8411160065.

8411160118 LER 84-058-00: on 840924, 97.5 Ci noble gas release set off low level alarm on plant vent stack monitor 3RE-7865. Caused by pressurized degas relief valve 3PCV0245 lifting. Design change initiated. W/841101 ltr. HAYNES, J. G. Southern California Edison Co. 84/11/01. 2pp. 27544:327. 24X Fiche: 50-361, 84/11/01, 8411160118.

8411160409 LER 83-021/03X-1: on 830217, isolation damper FV-9761, associated w/emergency ventilation supply, failed to cycle during testing. Caused by operating actuator horizontally. W/841101 ltr. HAYNES, J. G. Southern California Edison Co. 84/11/01. 3pp. 27545:217. 24X Fiche: 50-361, 84/11/01, 8411160409.

8411160411 LER 84-059-00: on 841003, control room airborne radiation monitors 2/3-7824 & 2/3-7825 found in alarm defeat. Cause unknown. Monitors immediately placed in normal mode. W/841101 ltr. HAYNES, J. G. Southern California Edison Co. 84/11/01. 5pp. 27545:220. 24X Fiche: 50-361, 84/11/01, 8411160411.

8411160607 LER 84-060-00: on 841002, inflatable seals between spent fuel storage pool & spent fuel shipping container pit partially deflated. Caused by low svc air pressure. Design change will be installed & procedures will be revised. W/841102 ltr. HAYNES, J. G. Southern California Edison Co. 84/11/02. 3pp. 27545:019. 24X Fiche: 50-361, 84/11/02, 8411160607.

8411290403 LER 84-046-01: on 840815, train B saltwater cooling flow less than required flow. Caused by reading inoperable channel. Saltwater cooling flow indication installed. W/841116 ltr. HAYNES, J. G. Southern California Edison Co. 84/11/16. 3pp. 27721:263. 24X Fiche: 50-361, 84/11/16, 8411290403.

V. Operator Examinations

8411140232 Forwards Exam Repts 50-361/DL-84-02 & 50-362/DL-84-01 administered on 841001-05. ELIN, J. D. Region 5, Office of Director. 84/11/09. RAY, H. Southern California Edison Co. 2pp. 27469:142. 24X Fiche: 50-361, 84/11/09, 8411140232.

--8411140337 Exam Repts 50-361/DL-84-02 & 50-362/DL-84-02 administered on 841001-05. Exam results: 20 candidates passed & 1 failed operating exam. O'BRIAN, J. P., ELIN, J. D. Region 5, Office of Director. 84/11/09. 37pp. 27469:144. 24X Fiche: 50-361, 84/11/09, 8411140232.

DOCKET 50-362 SAN ONOFRE NUCLEAR STATION, UNIT 3

F. Security, medical, emergency & fire protection plans

8411060228 Forwards description of changes & Rev 3 to Aug 1979 security force training & qualification plan. Description withheld (ref 10CFR73.21). HAYNES, J. G. Southern California Edison Co. 84/10/23. MARTIN, J. B. Region 5, Office of Director. 1p. 27324:055. 24X Fiche: 50-206, 84/10/23, 8411060228.

8411140303 Summary of 840830 meeting w/util, Science Applications, Inc & C-E re detailed controlled room design review. Meeting minutes, list of attendees & agenda encl. ROOD, H. Licensing Branch 3. 84/10/23. Licensing Branch 3. 20pp. 27525:107. 24X Fiche: 50-361, 84/10/23, 8411140303.

8411090251 Provides info re fire protection open items listed in Insp Repts 50-206/84-01, 50-361/84-01 & 50-362/84-01. Investigation of items & results discussed. HAYNES, J. G. Southern California Edison Co. 84/10/26. MARTIN, J. B. Region 5, Office of Director. 3pp. 27398:020. 24X Fiche: 50-206, 84/10/26, 8411090251.

DOCKETED ITEMS

8411140226 Forwards sections of Revs 0 & 2 to emergency plan amend for insertion into Emergency Plan Manual 167. Ack of receipt requested by 841207.
* Southern California Edison Co. 84/11/07. NRC - No Detailed Affiliation Given. 6pp. 27469:014. 24X Fiche: 50-206, 84/11/07, 8411140226.

8411160318 Revised emergency plan implementing procedures, including 50123-VIII-80 re emergency group leader duties & 50123-VIII-70.1 re site communications equipment operator duties. W/841108 ltr.
CROY, P.A. Southern California Edison Co. 84/11/08. MARTIN, J.B. Region 5, Office of Director. 95pp. 27533:141. 24X Fiche: 50-206, 84/11/08, 8411160318.

8411160331 Forwards "Offsite Hazards Evaluation 1984," describing assumptions, methods & results of evaluation of hazard to facility from explosives & toxic gas shipments on Interstate 5 & AT&SF railroad, per Tech Spec requirements.
MEDFORD, M.O. Southern California Edison Co. 84/11/08. MARTIN, J.B. Region 5, Office of Director. 2pp. 27537:014. 24X Fiche: 50-361, 84/11/08, 8411160331.

--8411160336 "Offsite Hazards Evaluation 1984."
* Nucon, Inc. 84/11/30. 22pp. 27537:016. 24X Fiche: 50-361, 84/11/08, 8411160331.

8411260256 Forwards Rev 2 to physical security plan to restore or increase security measure. Rev withheld (ref 10CFR73.21).
DURST, J.B. Southern California Edison Co. 84/11/12. MCQUEEN, A. Region 5, Office of Director. 1p. 27613:114. 24X Fiche: 50-206, 84/11/12, 8411260256.

8411290355 Rev 0 to emergency plan re onsite emergency coordination.
PHILLIPS, S. Southern California Edison Co. 84/11/20. 9pp. 27677:224. 24X Fiche: 50-206, 84/11/20, 8411290355.

I. Financial information

8411070053 Forwards two ltrs dtd 841022 & State of CA pollution control financing authority 841030 ltr re applications from San Diego Gas & Electric Co & Southern CA Edison Co.
THOMAS, R.D. Region 5, Office of Director. 84/11/01. CASE, E.O. Office of Nuclear Reactor Regulation, Director. 1p. 27355:287. 24X Fiche: 50-000, 84/11/01, 8411070053.

--8411070064 Requests review & certification of referenced project per Application 420 for financing of pollution control, solid waste disposal & sewage disposal facilities.
CHANDLER, D.E. California, State of. 84/10/22. THOMAS, R. Region 5, Office of Director. 27pp. 27355:288. 24X Fiche: 50-000, 84/11/01, 8411070053.

--8411070124 Requests review & certification of referenced project per Application 421 for financing of pollution control, solid waste disposal & sewage disposal facilities.
CHANDLER, D.E. California, State of. 84/10/22. THOMAS, R. Region 5, Office of Director. 26pp. 27356:024. 24X Fiche: 50-000, 84/11/01, 8411070053.

P. Operating license stage documents & correspondence

8411090067 Requests publication of FR notice of consideration of issuance of amend to Licenses NPF-10 & NPF-15 & proposed NSHC determination & opportunity for hearing re ESF actuation sys.
KNIGHTON, G.W. Licensing Branch 3. 84/09/12. MILLER, J.R. Operating Reactors Branch 3. 3pp. 27424:275. 24X Fiche: 50-361, 84/09/12, 8411090067.

8411010385 Forwards Amends 24 & 13 to Licenses NPF-10 & NPF-15, respectively & safety evaluation. Amends modify Tech Specs to change max surveillance interval for ESF actuation sys subgroup relays from 6 to 18 months.
KNIGHTON, G.W. Licensing Branch 3. 84/09/24. BASKIN, K.P. Southern California Edison Co. HOLCOMBE, J.C. San Diego Gas & Electric Co. 3pp. 27265:076. 24X Fiche: 50-361, 84/09/24, 8411010385.

--8411010393 Amends 24 & 13 to Licenses NPF-10 & NPF-15, respectively, modifying Tech Specs to change max surveillance interval for ESF actuation sys subgroup relays from 6 to 18 months.
KNIGHTON, G.W. Licensing Branch 3. 84/09/24. 10pp. 27265:079. 24X Fiche: 50-361, 84/09/24, 8411010385.

--8411010407 Safety evaluation supporting Amends 24 & 13 to Licenses NPF-10 & NPF-15, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/09/24. 4pp. 27265:089. 24X Fiche: 50-361, 84/09/24, 8411010385.

8411020159 Requests FR publication of notice of issuance of Amends 24 & 13 to Licenses NPF-10 & NPF-15, respectively, changing max surveillance interval for 23 ESF actuation sys subgroup relays from 6 months to 18 months.
KNIGHTON, G.W. Licensing Branch 3. 84/10/15. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27262:279. 24X Fiche: 50-361, 84/10/15, 8411020159.

8411140215 Forwards Amends 26 & 15 to Licenses NPF-10 & NPF-15, respectively & safety evaluation. Amends change Tech Specs to allow manual coupling & uncoupling of control element assemblies (CEA) & weighing of CEAs during refueling.
KNIGHTON, G.W. Licensing Branch 3. 84/10/26. BASKIN, K.P. Southern California Edison Co. HOLCOMBE, J.C. San Diego Gas & Electric Co. 4pp. 27526:281. 24X Fiche: 50-361, 84/10/26, 8411140215.

--8411140225 Amends 26 & 15 to Licenses NPF-10 & NPF-15, respectively, changing Tech Specs to allow manual coupling & uncoupling of control element assemblies (CEA) & weighing of CEAs during refueling.
KNIGHTON, G.W. Licensing Branch 3. 84/10/26. 30pp. 27526:285. 24X Fiche: 50-361, 84/10/26, 8411140215.

--8411140227 Safety evaluation supporting Amends 26 & 15 to Licenses NPF-10 & NPF-15, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/26. 8pp. 27526:315. 24X Fiche: 50-361, 84/10/26, 8411140215.

8411200374 Requests FR publication of notice of issuance of Amends 26 & 15 to Licenses NPF-10 & NPF-15, respectively, modifying Tech Specs to allow manual coupling & uncoupling of control element assemblies.
KNIGHTON, G.W. Licensing Branch 3. 84/10/26. MILLER, J.R. Operating Reactors Branch 3. 2pp. 27597:309. 24X Fiche: 50-361, 84/10/26, 8411200374.

8411130661 Notification of 841108 meeting w/C-E & utils in Bethesda, MD to discuss long-term improvement project on core protection calculators.
LEE, R.S. Operating Reactors Branch 3. 84/11/01. MILLER, J.R. Operating Reactors Branch 3. 3pp. 27471:313. 24X Fiche: 50-000, 84/11/01, 8411130661.

8411140378 Forwards Change Notice 11 of Amend 7 to SCE-1-A, "QA Program" for Southern California Edison Co.
MEDFORD, M.O. Southern California Edison Co. 84/11/02. MARTIN, J.B. Region 5, Office of Director. 1p. 27468:299. 24X Fiche: 50-206, 84/11/02, 8411140378.

--8411140384 Change Notice 11 of Amend 7 to SCE-1-A, "QA Program" for Southern California Edison Co.
* Southern California Edison Co. SCE-1-A A07 R11. 84/11/02. 7pp. 27468:300. 24X Fiche: 50-206, 84/11/02, 8411140378.

8411120251 Forwards proprietary & nonproprietary versions of "Statistical Combination of Uncertainties," Parts II & III, per 840720 & 0928 ltrs. Affidavit requesting proprietary rept be withheld (ref 10CFR2.790) encl.
MEDFORD, M.O. Southern California Edison Co. 84/11/07. KNIGHTON, G.W. Licensing Branch 3. 6pp. 27426:095. 24X Fiche: 50-361, 84/11/07, 8411120251.

--8411120289 Nonproprietary "Statistical Combination of Uncertainties, Part II, Uncertainty Analysis of Limiting Safety Sys Settings."
* Combustion Engineering, Inc. CEN-283(S)-NP V02. 84/10/31. 61pp. 27426:101. 24X Fiche: 50-361, 84/11/07, 8411120251.

--8411120305 Nonproprietary "Statistical Combination of Uncertainties, Part III, Uncertainty Analysis of Limiting Conditions for Operation."
* Combustion Engineering, Inc. CEN-283(S)-NP V03. 84/10/31. 42pp. 27426:162. 24X Fiche: 50-361, 84/11/07, 8411120251.

8411140180 Responds to 841025 questions re reload analysis rept. Safety analysis for inadvertent boron dilution event analyzed to determine time to criticality from initiation of event. Alarms assist operator in identifying boron dilution event.
MEDFORD, M.O. Southern California Edison Co. 84/11/09. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27466:358. 24X Fiche: 50-361, 84/11/09, 8411140180.

8411140241 Requests inclusion of manual actuation of turbine generator isolation sys on detection of chlorine or ammonia. Requirement will be implemented after Proposed Change NPF-10/15-135 becomes effective.
MEDFORD, M.O. Southern California Edison Co. 84/11/09. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27469:284. 24X Fiche: 50-361, 84/11/09, 8411140241.

8411190429 Forwards proprietary & nonproprietary "Phase I Core Protection Calculator Test Rept for San Onofre Nuclear Generating Station Units 2 & 3" & "Core Protection Calculator Data Base Rept." Affidavit encl.
MEDFORD, M. O. Southern California Edison Co. 84/11/15.
KNIGHTON, G. W. Licensing Branch 3. 7pp. 27549:087. 24X
Fiche: 50-361, 84/11/15, 8411190429.

--8411190460 Nonproprietary Rev 1 to "Core Protection Calculator/Control Element Assembly Calculator Software Mods."
* Combustion Engineering, Inc. CEN-281(S)-NP R01. 84/11/30.
24pp. 27549:217. 24X Fiche: 50-361, 84/11/15, 8411190429.

G. Inspection reports, IE Bulletins & correspondence

8411080572 Forwards Insp Repts 50-206/84-25, 50-361/84-28 & 50-362/84-29 on 841001-05. No violations noted.
BISHOP, T. W. Division of Resident Reactor Project & Engineering Programs. 84/10/18. BASKIN, K. B. Southern California Edison Co. 2pp. 27396:358. 24X Fiche: 50-206, 84/10/18, 8411080572.

--8411080578 Insp Repts 50-206/84-25, 50-361/84-28 & 50-362/84-29 on 841001-05. No violations noted. Major areas inspected: TMI action plan requirements.
KELLUND, G. C., YOUNG, T. Region 5, Office of Director. 84/10/17.
4pp. 27396:360. 24X Fiche: 50-206, 84/10/18, 8411080572.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411090251 Provides info re fire protection open items listed in Insp Repts 50-206/84-01, 50-361/84-01 & 50-362/84-01. Investigation of items & results discussed.
HAYNES, J. G. Southern California Edison Co. 84/10/26. MARTIN, J. B. Region 5, Office of Director. 3pp. 27398:020. 24X
Fiche: 50-206, 84/10/26, 8411090251.

8411160282 Forwards Insp Repts 50-206/84-23, 50-361/84-26 & 50-362/84-27 on 840904-07 & 24-28. No noncompliance noted.
BISHOP, T. W. Division of Resident Reactor Project & Engineering Programs. 84/10/26. BASKIN, K. P. Southern California Edison Co. 2pp. 27545:001. 24X Fiche: 50-206, 84/10/26, 8411160282.

--8411160292 Insp Repts 50-206/84-23, 50-361/84-26 & 50-362/84-27 on 840904-07 & 24-28. No violations or deviations noted. Major areas inspected: licensee action on TMI action plan requirements & IE bulletins.
HAIST, D. P., JOHNSON, P. H. Region 5, Office of Director. 84/10/24. 10pp. 27545:003. 24X Fiche: 50-206, 84/10/26, 8411160282.

8411080421 Ack receipt of \$125,000 in payment of civil penalty imposed by 840924 order. Exam of corrective actions will continue during future insps.
AXELRAD, J. A. Enforcement Staff. 84/10/29. FOQARTY, D. J. Southern California Edison Co. 2pp. 27405:235. 24X Fiche: 50-362, 84/10/29, 8411080421.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/03. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/03, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411140232 Forwards Exam Repts 50-361/OL-84-02 & 50-362/OL-84-01 administered on 841001-05.
ELIN, J. O. Region 5, Office of Director. 84/11/09. RAY, H. Southern California Edison Co. 2pp. 27469:142. 24X Fiche: 50-361, 84/11/09, 8411140232.

--8411140337 Exam Repts 50-361/OL-84-02 & 50-362/OL-84-02 administered on 841001-05. Exam results: 20 candidates passed & 1 failed operating exam.
O'BRIAN, J. P., ELIN, J. O. Region 5, Office of Director. 84/11/09. 37pp. 27469:144. 24X Fiche: 50-361, 84/11/09, 8411140232.

8411140306 Forwards for review, draft SAMP Repts 50-206/84-32, 50-361/84-31 & 50-362/84-32 for June 1983 - Sept 1984. Repts to be discussed at 841115 SAMP Board meeting.
KIRSCH, D. F. Region 5, Office of Director. 84/11/09. HAIST, D., CHAFFEE, A., JOHNSON, P. Region 5, Office of Director. 1p. 27469:335. 24X Fiche: 50-206, 84/11/09, 8411140306.

--8411140319 Draft SAMP Repts 50-206/84-32, 50-361/84-31 & 50-362/84-32 for June 1983 - Sept 1984.
* Region 5, Office of Director. 84/11/09. 31pp. 27469:336. 24X
Fiche: 50-206, 84/11/09, 8411140306.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411150233 Forwards monthly operating repts for Sept 1984 & Rev 15 to "Offsite Dose Calculation Manual" & description of 840826 challenge to Unit 2 safety valves.
HAYNES, J. G. Southern California Edison Co. 84/10/11. Office of Resource Management, Director. 1p. 27529:279. 24X
Fiche: 50-361, 84/10/11, 8411150233.

--8411150239 Monthly operating repts for Sept 1984.
MAYHEATHER, L. I. Southern California Edison Co. 84/09/30. 12pp. 27529:280. 24X Fiche: 50-361, 84/10/11, 8411150233.

--8411150242 Rev 15 to "Offsite Dose Calculation Manual." Description of 840826 challenge to Unit 2 safety valves encl.
* Southern California Edison Co. 84/08/14. 15pp. 27529:292. 24X Fiche: 50-361, 84/10/11, 8411150233.

S. Reportable occurrences, LERs & related correspondence

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A. F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

8411050450 PNO-V-84-068A: on 841027, plant shutdown started when primary to secondary tube leakage in steam generator E-089 reached 135 gpm. Twenty-five day shutdown planned to repair tube leak & perform other maint.
JOHNSON, P. H., HUEY, F. R. Region 5, Office of Director. 84/10/29. 1p. 27297:239. 24X Fiche: 50-362, 84/10/29, 8411050450.

8411290153 LER 84-039-00: on 841028, RCS indicated specific activity in excess of Tech Spec limit. Caused by iodine spiking. RCS activity reduced to less than 1.0 mCi by purification flow. Primary coolant activity will be monitored. W/841114 ltr.
HAYNES, J. G. Southern California Edison Co. 84/11/14. 7pp. 27721:141. 24X Fiche: 50-362, 84/11/14, 8411290153.

V. Operator Examinations

8411140232 Forwards Exam Repts 50-361/OL-84-02 & 50-362/OL-84-01 administered on 841001-05.
ELIN, J. O. Region 5, Office of Director. 84/11/09. RAY, H. Southern California Edison Co. 2pp. 27469:142. 24X Fiche: 50-361, 84/11/09, 8411140232.

--8411140337 Exam Repts 50-361/OL-84-02 & 50-362/OL-84-02 administered on 841001-05. Exam results: 20 candidates passed & 1 failed operating exam.
O'BRIAN, J. P., ELIN, J. O. Region 5, Office of Director. 84/11/09. 37pp. 27469:144. 24X Fiche: 50-361, 84/11/09, 8411140232.

DOCKETED ITEMS

DOCKET 50-364 JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 2

F. Security, medical, emergency & fire protection plans

8411130071 Revises schedule for submission of emergency exercise info. Detailed exercise scenario should be submitted 45 days in advance, not 20 as previously requested.
LEWIS, R. C. Division of Project & Resident Programs. 84/10/11.
MCDONALD, R. P. Alabama Power Co. 2pp. 27460:163. 24X
Fiche: 50-348, 84/10/11, 8411130071.

8411140557 Ack receipt of scenario for 1984 emergency preparedness plume exposure exercise scheduled for 841128. Submittal appears to fulfill min requirements for full-scale exercise.
VERRELLI, D. M. Region 2, Office of Director. 84/10/26.
MCDONALD, R. P. Alabama Power Co. 1p. 27495:130. 24X
Fiche: 50-348, 84/10/26, 8411140557.

8411070146 Rev 2 to Emergency Plan Implementing Procedure 90-EIP-116 "Emergency Operations Facility Shift Turnover." W/841101 ltr.
MCGOWAN, J. W., MUDD, C. H. Alabama Power Co. 84/11/01. 25pp.
27356:256. 24X Fiche: 50-348, 84/11/01, 8411070146.

8411120341 Rev 7 to Emergency Implementing Procedure FNP-O-EIP-6, "Technical Support to Emergency Plan" & Rev 33 to Procedure FNP-O-EIP-8, "Emergency Communications." W/841104 ltr.
HUDESPETH, J. B. Alabama Power Co. 84/11/04. MCKNIGHT, J. Record Services Branch (Document Control Desk). 155pp. 27426:232. 24X
Fiche: 50-348, 84/11/04, 8411120341.

8411120145 Rev 2 to Emergency Implementing Procedure 90-EIP-102, "Corporate Communication Dept Emergency Organization & Facilities." W/841105 ltr.
MCGOWAN, J. W., MUDD, C. H. Alabama Power Co. 84/11/05. 16pp.
27428:200. 24X Fiche: 50-348, 84/11/05, 8411120145.

8411120159 Rev 4 to Emergency Implementing Procedure 90-EIP-114, "News Release Coordination & Distribution." W/841105 ltr.
MCGOWAN, J. W., MUDD, C. H. Alabama Power Co. 84/11/05. 23pp.
27428:281. 24X Fiche: 50-348, 84/11/05, 8411120159.

8411120179 Rev 3 to General Ofc Emergency Implementing Procedure 90-EIP-132, "Nuclear Generation Dept Emergency Plan Drills & Exercises." W/841105 ltr.
MCGOWAN, J. W., MUDD, C. H. Alabama Power Co. 84/11/05. 11pp.
27428:304. 24X Fiche: 50-348, 84/11/05, 8411120179.

8411120261 Rev 3 to Emergency Implementing Procedure 90-EIP-117, "Emergency Operations Facility Administrative Support." W/841105 ltr.
MUDD, C. H. Alabama Power Co. 84/11/05. 29pp. 27430:027. 24X
Fiche: 50-348, 84/11/05, 8411120261.

8411120328 Rev 3 to General Ofc Emergency Plan Implementing Procedures 90-EIP-118, "Corporate Communication Dept, Corporate Activation & Notification Procedures." W/841105 ltr.
* Alabama Power Co. 84/11/05. 20pp. 27427:034. 24X
Fiche: 50-348, 84/11/05, 8411120328.

8411120386 Procedure 90-EIP-134, "Corporate Emergency Plan Training." W/841105 ltr.
* Alabama Power Co. 84/11/05. 24pp. 27427:054. 24X
Fiche: 50-348, 84/11/05, 8411120386.

8411140195 Rev 5 to General Ofc Emergency Implementing Procedure 90-EIP-112, "Emergency Mobile Communications." W/841106 ltr.
MCGOWAN, J. W., MUDD, C. H. Alabama Power Co. 84/11/06. 10pp.
27466:071. 24X Fiche: 50-348, 84/11/06, 8411140195.

8411190160 Rev 9 to Emergency Plan Implementing Procedure FNP-O-EIP-15, "Emergency Drills." W/841110 ltr.
HUDESPETH, J. B. Alabama Power Co. 84/11/10. MCKNIGHT, J. Record Services Branch (Document Control Desk). 10pp. 27554:338. 24X
Fiche: 50-348, 84/11/10, 8411190160.

8411200121 Forwards response to NRC 841031 request for info re safety parameter display sys electrical isolation device compliance w/environ & seismic qualifications which were basis for licensing of plant.
MCDONALD, R. P. Alabama Power Co. 84/11/13. VARGA, S. A. Office of Nuclear Reactor Regulation, Director. 2pp. 27579:141. 24X
Fiche: 50-348, 84/11/13, 8411200121.

8411210011 Emergency plan Pages 38 & 39 to Annex B of Annex II (State of GA), omitted from original issue.
* Alabama Power Co. 84/11/16. 3pp. 27590:105. 24X
Fiche: 50-348, 84/11/16, 8411210011.

8411260399 Forwards temporary change notices for Draft 1 of Rev B to Emergency Plan Implementing Procedure 90-EIP-111, "Corporate Activation & Notification Procedures." W/841116 ltr.
MCCRACKEN, K. W., MUDD, C. H. Alabama Power Co. 84/11/16. 26pp.
27611:209. 24X Fiche: 50-348, 84/11/16, 8411260399.

8411280011 Forwards Change 4 to Annex B of "State of GA Radiological Emergency Plan, Alabama Power Co, Farley Plant" & Rev 9 to emergency plan.
HUDESPETH, J. B. Alabama Power Co. 84/11/16. MCKNIGHT, J. Record Services Branch (Document Control Desk). 2pp. 27669:267. 24X
Fiche: 50-348, 84/11/16, 8411280011.

--8411280018 Change 4 to Annex B of "State of GA Radiological Emergency Plan, Alabama Power Co, Farley Plant."
* Alabama Power Co. 84/11/16. 122pp. 27669:269. 24X
Fiche: 50-348, 84/11/16, 8411280011.

--8411280021 Rev 9 to emergency plan.
* Alabama Power Co. 84/11/06. 537pp. 27670:030. 24X
Fiche: 50-348, 84/11/16, 8411280011.

8411260385 Forwards NRC 840309 comments re detailed control room design review, per Suppl 1 to NUREG-0737 & summary of util surveys, checklists & questions in lieu of NUREG-0700 checklists.
MCDONALD, R. P. Alabama Power Co. 84/11/20. VARGA, S. A. Office of Nuclear Reactor Regulation, Director. 19pp. 27609:350. 24X
Fiche: 50-348, 84/11/20, 8411260385.

8411260403 Rev 1 to Emergency Plan Implementing Procedure 90-EIP-120, "Ref Guidance for Recovery Manager." W/841120 ltr.
MUDD, C. H. Alabama Power Co. 84/11/20. 4pp. 27610:097. 24X
Fiche: 50-348, 84/11/20, 8411260403.

8411290414 Revised emergency plan implementing procedures, including FNP-O-EIP-2 re duties of shift supervisor, FNP-O-EIP-3 re duties of emergency director & FNP-O-EIP-8 re emergency communications. W/841122 ltr.
HUDESPETH, J. B. Alabama Power Co. 84/11/22. MCKNIGHT, J. Record Services Branch (Document Control Desk). 64pp. 27676:071. 24X
Fiche: 50-348, 84/11/22, 8411290414.

M. Antitrust correspondence

8411080449 Advises that NRC will treat 840629 petition as request for action under 10CFR2.206 & take appropriate action within reasonable time. Action based on Commission 840907 order declining to initiate proceeding for declaratory relief.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 84/10/25. BOSKEY, B. Volpe, Boskey & Lyons. 2pp. 27405:067. 24X
Fiche: 50-348, 84/10/25, 8411080449.

P. Operating license stage documents & correspondence

8411290186 FOIA request for any NRC technical evaluation rept, SER, or evaluation rept of plant RCS overpressurization mitigation sys, as described to NRC in 780906 ltr.
PEDRO, J. NUS Corp. 84/04/18. Division of Rules and Records. 1p.
27699:285. 24X Fiche: 50-348, 84/04/18, 8411290186.

8411120423 Forwards Amends 51 & 42 to Licenses NPF-2 & NPF-B, respectively & safety evaluation. Amends delete words "during shutdown," in Tech Spec 4.7.1.2.2.b.1 to allow scheduling of surveillance w/o requiring plant shutdown.
REEVES, E. A. Operating Reactors Branch 1. 84/10/17. MCDONALD, R. P. Alabama Power Co. 3pp. 27438:345. 24X Fiche: 50-348, 84/10/17, 8411120423.

--8411120429 Amends 51 & 42 to Licenses NPF-2 & NPF-B, respectively, deleting words "during shutdown," in Tech Spec 4.7.1.2.2.b.1 to allow scheduling of surveillance w/o requiring plant shutdown.
VARGA, S. A. Operating Reactors Branch 1. 84/10/17. 8pp.
27438:348. 24X Fiche: 50-348, 84/10/17, 8411120423.

--8411120431 Safety evaluation supporting Amends 51 & 42 to Licenses NPF-2 & NPF-B, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/17. 4pp.
27438:356. 24X Fiche: 50-348, 84/10/17, 8411120423.

8411090384 Forwards exemption from requirements of Footnote d-2(c) of App A to 10CFR20 re use of radioiodine protection factor of 50 for certain respiratory protection canisters. Safety evaluation also encl.
VARGA, S. A. Operating Reactors Branch 1. 84/10/23. MCDONALD, R. P. Alabama Power Co. 2pp. 27424:352. 24X Fiche: 50-348, 84/10/23, 8411090384.

DOCKETED ITEMS

203

--8411090387 Exemption from restrictions of App A to 10CFR20 Footnote d-2(c), authorizing use of GMR-1 respiratory protection canisters.
* EISENHUT, D.G. Division of Licensing. 84/10/23. Alabama Power Co. 3pp. 27424:354. 24X Fiche: 50-348, 84/10/23, 8411090384.

--8411090389 Safety evaluation supporting use of radiiodine protection factor for GMR-1 canisters.
* Office of Nuclear Reactor Regulation, Director. 84/10/23. 5pp. 27424:357. 24X Fiche: 50-348, 84/10/23, 8411090384.

8411120250 Application for amend to Licenses NPF-2 & NPF-B, changing Tech Specs to utilize new operating staff manning schedules entailing 12 h shifts. Schedule proposed to simplify current rotation sys. Fee paid.
MCDONALD, R.P. Alabama Power Co. 84/11/02. VARGA, S.A. Office of Nuclear Reactor Regulation, Director. 3pp. 27428:251. 24X Fiche: 50-348, 84/11/02, 8411120250.

--8411120254 Proposed Tech Specs utilizing new operating staff manning schedules entailing 12 h shifts.
* Alabama Power Co. 84/11/02. 2pp. 27428:254. 24X Fiche: 50-348, 84/11/02, 8411120250.

8411140468 Forwards notice of environ assessment & finding of no significant impact re request for relief from inservice testing requirements for accumulator & refueling water storage tank valves. Relief granted per 840601 request.
VARGA, S.A. Operating Reactors Branch 1. 84/11/02. MCDONALD, R.P. Alabama Power Co. 3pp. 27525:012. 24X Fiche: 50-348, 84/11/02, 8411140468.

--8411140472 Notice of environ assessment & finding of no significant impact re request for relief from inservice testing requirements for accumulator & refueling water storage tank valves. Relief granted.
LAINAS, G.C. Assistant Director for Operating Reactors. 84/11/02. 3pp. 27525:015. 24X Fiche: 50-348, 84/11/02, 8411140468.

8411140044 Forwards updated status of 1984 licensing items identified in 841010 ltr. Approval of Item 28 re deletion of requirement to remove reactor vessel capsule crucial prior to scheduled startup. Decision on item needed by 850104.
MCDONALD, R.P. Alabama Power Co. 84/11/06. VARGA, S.A. Office of Nuclear Reactor Regulation, Director. 9pp. 27464:289. 24X Fiche: 50-348, 84/11/06, 8411140044.

8411200083 Forwards corrected Tech Spec Page 3/4 6-19, per 841023 request. Correction unrelated to Amend 38 issued on 840912. Multiple proofing reviews to assure against further errors requested.
REEVES, E.A. Operating Reactors Branch 1. 84/11/07. MCDONALD, R.P. Alabama Power Co. 2pp. 27598:041. 24X Fiche: 50-364, 84/11/07, 8411200083.

--8411200085 Corrected Page 3/4 6-19 to Amend 38 to License NPF-B.
* NRC - No Detailed Affiliation Given. 84/11/07. 1p. 27598:043. 24X Fiche: 50-364, 84/11/07, 8411200083.

8411280438 Forwards Amends 52 & 43 to Licenses NPF-2 & NPF-B, respectively & safety evaluation. Amends modify Tech Specs values for reload fuel max enrichment.
REEVES, E.A. Operating Reactors Branch 1. 84/11/08. MCDONALD, R.P. Alabama Power Co. 2pp. 27682:296. 24X Fiche: 50-348, 84/11/08, 8411280438.

--8411280447 Amends 52 & 43 to Licenses NPF-2 & NPF-B, respectively, modifying Tech Specs values for reload fuel max enrichment.
VARGA, S.A. Operating Reactors Branch 1. 84/11/08. 10pp. 27682:298. 24X Fiche: 50-348, 84/11/08, 8411280438.

--8411280462 Safety evaluation supporting Amends 52 & 43 to Licenses NPF-2 & NPF-B, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/11/08. 4pp. 27682:308. 24X Fiche: 50-348, 84/11/08, 8411280438.

8411280403 Forwards Amends 53 & 44 to Licenses NPF-2 & NPF-B, respectively & safety evaluation. Amends revise Tech Specs to reflect changes in title of vice president nuclear generation to senior vice president.
REEVES, E.A. Operating Reactors Branch 1. 84/11/13. MCDONALD, R.P. Alabama Power Co. 4pp. 27683:297. 24X Fiche: 50-348, 84/11/13, 8411280403.

--8411280412 Amends 53 & 44 to Licenses NPF-2 & NPF-B, respectively, revising Tech Specs to change title of vice president nuclear generation to senior vice president & eliminating former mgt position.
VARGA, S.A. Operating Reactors Branch 1. 84/11/13. 18pp. 27683:301. 24X Fiche: 50-348, 84/11/13, 8411280403.

--8411280415 Safety evaluation supporting Amends 53 & 44 to Licenses NPF-2 & NPF-B, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/11/13. 2pp. 27683:319. 24X Fiche: 50-348, 84/11/13, 8411280403.

G. Inspection reports, IE Bulletins & correspondence

8411150255 Ack receipt of 840928 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-348/84-20 & 50-364/84-20.
LEWIS, R.C. Region 2, Office of Director. 84/10/18. MCDONALD, R.P. Alabama Power Co. 1p. 27528:241. 24X Fiche: 50-348, 84/10/18, 8411150255.

--8411150261 Responds to NRC 840831 ltr re violations noted in Insp Repts 50-348/84-20 & 50-364/84-20. Corrective actions: motor control ctr reenergized, valve operator removed from cable tray & accessible cable trays inspected for damage & maint.
MCDONALD, R.P. Alabama Power Co. 84/09/28. VERRELLI, D.M. Region 2, Office of Director. 4pp. 27528:242. 24X Fiche: 50-348, 84/10/18, 8411150255.

--8411150264 Forwards Insp Repts 50-348/84-20 & 50-364/84-20 on 840711-0815 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/08/31. MCDONALD, R.P. Alabama Power Co. 2pp. 27528:246. 24X Fiche: 50-348, 84/10/18, 8411150255.

--8411150269 Notice of violation from insp on 840711-0815.
* Region 2, Office of Director. 84/08/31. 2pp. 27528:248. 24X Fiche: 50-348, 84/10/18, 8411150255.

--8411150274 Insp Repts 50-348/84-20 & 50-364/84-20 on 840711-0815. Violation noted: adequate protection & control of certain components important to safety not exercised & certain instruments not calibr as required.
BRADFORD, W.H., RULAND, W.H., CANTRELL, F.S. Region 2, Office of Director. 84/08/31. 7pp. 27528:250. 24X Fiche: 50-348, 84/10/18, 8411150255.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

DOCKETED ITEMS

S. Reportable occurrences, LERs & related correspondence

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office.
Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche: 50-000, 84/11/06, 8411190524.

V. Operator Examinations

8411140578 Requests info by 841128 to complete arrangements for operator & senior operator licensing exams scheduled for wk of 850128.
VERRELLI, D.M. Region 2, Office of Director. 84/10/25.
MCDONALD, R.P. Alabama Power Co. 5pp. 27495:161. 24X
Fiche: 50-348, 84/10/25, 8411140578.

DOCKET 50-366 EDWIN I. HATCH NUCLEAR PLANT, UNIT 2

F. Security, medical, emergency & fire protection plans

8411130062 Revises schedule for submission of emergency exercise info. Detailed exercise scenario should be submitted 45 days in advance, not 20 days as previously required.
LEWIS, R.C. Division of Project & Resident Programs. 84/10/11.
KELLY, R.J. Georgia Power Co. 2pp. 27460:297. 24X
Fiche: 50-000, 84/10/11, 8411130062.

8411140562 Forwards Insp Repts 50-321/84-38 & 50-366/84-38 on 840911-17. No violations or deviations noted.
BROWNLEE, V.L. Region 2, Office of Director. 84/10/11. KELLY, R.J. Georgia Power Co. 2pp. 27495:132. 24X Fiche: 50-321, 84/10/11, 8411140562.

--8411140566 Insp Repts 50-321/84-38 & 50-366/84-38 on 840911-17. No violations or deviations noted. Major areas inspected: emergency preparedness.
CUNNINGHAM, A.L. Region 2, Office of Director. 84/10/11. 6pp. 27495:134. 24X Fiche: 50-321, 84/10/11, 8411140562.

8411090115 Forwards "Detailed Control Room Design Review Program Plan," per NUREG-0737, Suppl 1, "Requirements for Emergency Response Capability (Generic Ltr 82-33)."
GUCHA, L.T. Georgia Power Co. 84/10/23. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27402:101. 24X Fiche: 50-321, 84/10/23, 8411090115.

--8411090122 "Detailed Control Room Design Review Program Plan."
* Georgia Power Co. 84/10/31. 88pp. 27402:103. 24X
Fiche: 50-321, 84/10/23, 8411090115.

8411050321 Provides basis for request for exemption from 10CFR50.48 requirements re implementation of non-outage related 10CFR50, App R mods. Fire protection enhancement program cannot be implemented within expected time frame.
GUCHA, L.T. Georgia Power Co. 84/10/26. STOLZ, J.F. Operating Reactors Branch 4. 3pp. 27297:220. 24X Fiche: 50-321, 84/10/26, 8411050321.

8411150206 Ack receipt of 841012 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-321/84-32 & 50-366/84-32.
DANCE, H.C. Region 2, Office of Director. 84/10/26. KELLY, R.J. Georgia Power Co. 1p. 27529:307. 24X Fiche: 50-321, 84/10/26, 8411150206.

--8411150212 Responds to NRC 840917 ltr re violations noted in Insp Repts 50-321/84-32 & 50-366/84-32. Corrective actions: fire hose arranged in accordion fold & connected to hydrant & damaged hydrant wrenches replaced.
GUCHA, L.T. Georgia Power Co. 84/10/12. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27529:308. 24X Fiche: 50-321, 84/10/26, 8411150206.

--8411150223 Notice of violation from insp on 840821-24.
* Region 2, Office of Director. 84/09/17. 1p. 27529:312. 24X
Fiche: 50-321, 84/10/26, 8411150206.

--8411150230 Insp Repts 50-321/84-32 & 50-366/84-32 on 840821-24. Violation noted: failure to follow insp instructions for 60-day hydrant house equipment insp per surveillance procedure.
MADDEN, P.M. Region 2, Office of Director. 84/09/14. 9pp. 27529:313. 24X Fiche: 50-321, 84/10/26, 8411150206.

8411120262 Ack receipt of 840806 response to 840710 notice of violation & proposed imposition of civil penalty. No mitigation warranted for proposed civil penalty, per encl order. Order withheld (ref 10CFR2.790).
TAYLOR, J.M. Director's Office, Office of Inspection and Enforcement. 84/11/01. KELLY, R.J. Georgia Power Co. 2pp. 27435:361. 24X
Fiche: 50-321, 84/11/01, 8411120262.

8411120245 Revised emergency implementing procedures, including HNP-1-4205 re turbine lube oil reservoir oil fire, HNP-1-4206 re turbine lube oil conditioner & storage fire & HNP-1-4219 re battery fire. W/841105 ltr.
SORRELL, E.C. Georgia Power Co. 84/11/05. 88pp. 27430:073. 24X
Fiche: 50-321, 84/11/05, 8411120245.

8411160307 Revised emergency implementing procedures, including HNP-8103 re portable neutron rem counter PNR-4 operation & calibr & HNP-8045 re protective clothing requirements for operating machinery in hot machine shop. W/841109 ltr.
SORRELL, E.C. Georgia Power Co. 84/11/09. 20pp. 27537:284. 24X
Fiche: 50-321, 84/11/09, 8411160307.

P. Operating license stage documents & correspondence

8411050301 Advises that response to NUREG-0737, Item II, K. 3.16 re failure of safety relief valve to close under LOCA acceptable. Task resolved.
STOLZ, J.F. Operating Reactors Branch 4. 84/10/19. BECKHAM, J.T. Georgia Power Co. 1p. 27310:347. 24X Fiche: 50-321, 84/10/19, 8411050301.

8411060539 Forwards updated safety evaluation re TMI Action Plan Item II, E. 2.7, "Primary Containment High Radiation to Close Vent & Purge Valves." Units in noncompliance w/approved guidance. Action requested to achieve compliance as practicable.
STOLZ, J.F. Operating Reactors Branch 4. 84/10/23. BECKHAM, J.T. Georgia Power Co. 5pp. 27384:098. 24X Fiche: 50-321, 84/10/23, 8411060539.

8411030493 Advises that fee received for 840912 application to amend definition of operability will be applied to 840712 application for Tech Spec changes.
DIGGS, R.M. License Fee Management Branch. 84/10/25. BECKHAM, J.J. Georgia Power Co. 1p. 27289:344. 24X Fiche: 50-321, 84/10/25, 8411030493.

8411050069 Forwards executed certificate of pollution control facilities, per util 840820 request.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/10/25. BECKHAM, J.T. Georgia Power Co. 5pp. 27325:328. 24X
Fiche: 50-321, 84/10/25, 8411050069.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl.
EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X
Fiche: 50-000, 84/10/26, 8410290050.

8411140397 Requests copy of training lesson plans & procedures to evaluate effectiveness of training & procedures in preparing operating personnel to respond to seismic event.
STOLZ, J.F. Operating Reactors Branch 4. 84/10/30. BECKHAM, J.T. Georgia Power Co. 2pp. 27525:001. 24X Fiche: 50-321, 84/10/30, 8411140397.

8411200032 Approves request to withhold OE NEDE 30238, "EI Hatch Nuclear Power Station Unit 1 Feedwater Nozzle Fracture..." & NEDE 30256, "EI Hatch Nuclear Power Station Unit 2 Feedwater Nozzle Fracture Mechanics Analysis."
STOLZ, J.F. Operating Reactors Branch 4. 84/11/05. BECKHAM, J.T. Georgia Power Co. 3pp. 27588:346. 24X Fiche: 50-321, 84/11/05, 8411200032.

8411210140 Application to amend Licenses DPR-57 & NPF-5, in response to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Amend revises Tech Specs re limiting conditions for operation. Fee paid.
CONWAY, R.E. Georgia Power Co. 84/11/07. STOLZ, J.F. Operating Reactors Branch 4. 14pp. 27593:068. 24X Fiche: 50-321, 84/11/07, 8411210140.

--8411210150 Proposed Tech Spec changes re limiting conditions for operation, surveillance requirements & bases for diesel generator operability, in response to Generic Ltr 84-15.
* Georgia Power Co. 84/11/07. 53pp. 27593:082. 24X
Fiche: 50-321, 84/11/07, 8411210140.

DOCKETED ITEMS

205

8411200065 Notification of 841116 meeting w/util in Bethesda, MD to discuss discrepancies w/FSAR re seismic analyses for facilities.
HERMANN, R. Operating Reactors Branch 4. 84/11/08. STOLZ, J.F. Operating Reactors Branch 4. 2pp. 27598:052. 24X Fiche: 50-321, 84/11/08, 8411200065.

8411200006 Responds to 841023 revised safety evaluation of NUREG-0737. Item II.E.4.2(7) re high radiation isolation of containment purge & vent valves. BWR Owners Group reviewing change in isolation signal requirement.
GUCWA, L.T. Georgia Power Co. 84/11/13. STOLZ, J.F. Operating Reactors Branch 4. 1p. 27578:044. 24X Fiche: 50-321, 84/11/13, 8411200006.

8411260384 Application for amends to Licenses DPR-57 & NPF-5, changing Tech Specs to revise limiting conditions for operation & surveillance requirements for safety-related hydraulic snubbers. Fee paid.
BECKHAM, J.T. Georgia Power Co. 84/11/19. STOLZ, J.F. Operating Reactors Branch 4. 3pp. 27609:313. 24X Fiche: 50-321, 84/11/19, 8411260384.

--8411260391 Proposed Tech Specs revising limiting conditions for operation & surveillance requirements for safety-related hydraulic snubbers & establishing requirements for safety-related mechanical snubbers.
* Georgia Power Co. 84/11/19. 30pp. 27609:318. 24X Fiche: 50-321, 84/11/19, 8411260384.

G. Inspection reports, IE Bulletins & correspondence

841150194 Ack receipt of 840912 ltr informing NRC of steps taken to correct violation noted in Insp Repts 50-321/84-28 & 50-366/84-28.
LEWIS, R.C. Region 2, Office of Director. 84/10/03. KELLY, R.J. Georgia Power Co. 1p. 27529:322. 24X Fiche: 50-321, 84/10/03, 841150194.

--841150197 Responds to NRC 840820 ltr re violation noted in Insp Repts 50-321/84-28 & 50-366/84-28. Violation re posting radiation area denied.
GUCWA, L.T. Georgia Power Co. 84/09/12. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27529:323. 24X Fiche: 50-321, 84/10/03, 841150194.

--841150202 Forwards Insp Repts 50-321/84-28 & 50-366/84-28 on 840716-20 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/08/20. KELLY, R.J. Georgia Power Co. 2pp. 27529:326. 24X Fiche: 50-321, 84/10/03, 841150194.

--841150205 Notice of violation from insp on 840716-20.
* Region 2, Office of Director. 84/08/20. 1p. 27529:328. 24X Fiche: 50-321, 84/10/03, 841150194.

--841150210 Insp Repts 50-321/84-28 & 50-366/84-28 on 840716-20. Violation noted: failure to post radiation area.
PEERY, W.W., JENKINS, O.R. Region 2, Office of Director. 84/08/08. 7pp. 27529:329. 24X Fiche: 50-321, 84/10/03, 841150194.

841140527 Forwards Insp Repts 50-321/84-40 & 50-366/84-40 on 840925-28. No violation or deviation noted.
DANCE, H.C. Region 2, Office of Director. 84/10/11. KELLY, R.J. Georgia Power Co. 2pp. 27495:201. 24X Fiche: 50-321, 84/10/11, 841140527.

--841140532 Insp Repts 50-321/84-40 & 50-366/84-40 on 840925-28. No violation or deviation noted. Major areas inspected: post-refueling startup test.
BURNETT, P.T., JAPE, F. Region 2, Office of Director. 84/10/10. 3pp. 27495:203. 24X Fiche: 50-321, 84/10/11, 841140527.

841140562 Forwards Insp Repts 50-321/84-38 & 50-366/84-38 on 840911-17. No violations or deviations noted.
BROWNLEE, V.L. Region 2, Office of Director. 84/10/11. KELLY, R.J. Georgia Power Co. 2pp. 27495:132. 24X Fiche: 50-321, 84/10/11, 841140562.

--841140566 Insp Repts 50-321/84-38 & 50-366/84-38 on 840911-17. No violations or deviations noted. Major areas inspected: emergency preparedness.
CUNNINGHAM, A.L., CLINE, W.E. Region 2, Office of Director. 84/10/11. 6pp. 27495:134. 24X Fiche: 50-321, 84/10/11, 841140562.

841150257 Ack receipt of 840925 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-321/84-30.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. KELLY, R.J. Georgia Power Co. 1p. 27528:257. 24X Fiche: 50-321, 84/10/11, 841150257.

--841150271 Forwards Insp Repts 50-321/84-30 & 50-366/84-30 on 840721-0820 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/08/30. KELLY, R.J. Georgia Power Co. 2pp. 27528:275. 24X Fiche: 50-321, 84/10/11, 841150257.

--841150281 Insp Repts 50-321/84-30 & 50-366/84-30 on 840721-0820. Violation noted: failure to follow procedures/instructions for removal of Snubbers E11-RHRH-193 & E11-RHRH-199.
CRLENJAK, R.V., HOLMES-RAY, P., PANCIERA, V.W. Region 2, Office of Director. 84/08/29. 5pp. 27528:278. 24X Fiche: 50-321, 84/10/11, 841150257.

8410250031 IE Info Notice 84-77. "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

841150206 Ack receipt of 841012 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-321/84-32 & 50-366/84-32.
DANCE, H.C. Region 2, Office of Director. 84/10/26. KELLY, R.J. Georgia Power Co. 1p. 27529:307. 24X Fiche: 50-321, 84/10/26, 841150206.

--841150212 Responds to NRC 840917 ltr re violations noted in Insp Repts 50-321/84-32 & 50-366/84-32. Corrective actions: fire hose arranged in accordion fold & connected to hydrant & damaged hydrant wrenches replaced.
GUCWA, L.T. Georgia Power Co. 84/10/12. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27529:308. 24X Fiche: 50-321, 84/10/26, 841150206.

--841150216 Forwards Insp Repts 50-321/84-32 & 50-366/84-32 on 840821-24 & notice of violation.
DANCE, H.C. Region 2, Office of Director. 84/09/17. KELLY, R.J. Georgia Power Co. 2pp. 27529:310. 24X Fiche: 50-321, 84/10/26, 841150206.

--841150223 Notice of violation from insp on 840821-24.
* Region 2, Office of Director. 84/09/17. 1p. 27529:312. 24X Fiche: 50-321, 84/10/26, 841150206.

--841150230 Insp Repts 50-321/84-32 & 50-366/84-32 on 840821-24. Violation noted: failure to follow insp instructions for 60-day hydrant house equipment insp per surveillance procedure.
MADDEN, P.M., CONLON, T.E. Region 2, Office of Director. 84/09/14. 9pp. 27529:313. 24X Fiche: 50-321, 84/10/26, 841150206.

8411050041 EN-84-040A: On 841101, notice of violation & proposed imposition of civil penalty in amount of \$60,000 issued to licensee. Action based on violation involving control of access to protection area.
ROBINSON, P., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/01. 1p. 27301:356. 24X Fiche: 50-321, 84/11/01, 8411050041.

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

DOCKETED ITEMS

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411130602 Monthly operating reports for Sept 1984. W/841005 ltr.
MCBAY, M. G., NIX, H. C. Georgia Power Co. 84/09/30. 16pp. 27461:339. 24X Fiche: 50-321, 84/09/30, 8411130602.

S. Reportable occurrences, LERs & related correspondence

8411290219 FOIA request for documents re electrical relay failures including Class IE relay failures at listed plants & utilization of OE Type NFA 51 Series ac relays or other relays using Lexan coil spool matl.
BELL, N. Nuclear Information & Resource Service. 84/04/25. Office of Administration. 2pp. 27698:352. 24X Fiche: 50-000, 84/04/25, 8411290219.

8411290240 Partial response to FOIA request for documents re electrical relay failures, including 1983 Class IE relay failures at listed plants. Documents listed on encl printouts available in PDR.
FELTON, J. M. Division of Rules and Records. 84/05/17. BELL, N. Nuclear Information & Resource Service. 2pp. 27698:354. 24X Fiche: 50-000, 84/05/17, 8411290240.

8411030533 Forwards AEDD Engineering Evaluation Rept AEDD/E422, "HPCI Sys Performance at EI Hatch Units 1 & 2." Monitoring of generic studies of similar sys.
WOLF, T. R. Reactor Operations Analysis Branch. 84/08/27. BEYFRIE, K. V. Reactor Operations Analysis Branch. 84/08/27. 24X Fiche: 50-321, 84/08/27, 8411030533.

--8411030538 "HPCI Sys Performance at EI Hatch Units 1 & 2."
WOLF, T. Reactor Operations Analysis Branch. 84/08/27. 35pp. 27289:270. 24X Fiche: 50-321, 84/08/27, 8411030538.

8411030636 LER 84-023-01: on 840811, LOCA loading timers reset clutch coils for 2F, 2E & 2D emergency busses burned out. Caused by LOCA timer failure to reset automatically. Coils replaced & returned to svc. W/841023 ltr.
ELTON, T. L., NIX, H. C. Georgia Power Co. 84/10/23. 3pp. 27283:149. 24X Fiche: 50-366, 84/10/23, 8411030636.

8411070215 LER 84-010-00: on 840908, reactor water cleanup inboard & outboard isolation valves isolated by high differential flow signal. Caused by demineralizer not being full when valved. Sys returned to svc. W/841024 ltr.
ELTON, T. L., NIX, H. C. Georgia Power Co. 84/10/24. 3pp. 27389:108. 24X Fiche: 50-366, 84/10/24, 8411070215.

8411090390 LER 84-018-00: on 841002, util informed that Johnston Pump Co standby svc water pump 2P41-C002 might not withstand DBE because of incorrect assumption in calculation stress analysis. Split ring removed. W/841025 ltr.
ELTON, T. L., NIX, H. C. Georgia Power Co. 84/10/25. 4pp. 27416:341. 24X Fiche: 50-366, 84/10/25, 8411090390.

8411260481 Special Rept 50-366/1984-02: on 840924, fire detectors 2743-W034 A & B located in drywell around recirculation pump motors failed. Tech Spec change request will be submitted to delete fire detectors in drywell.
NIX, H. C. Georgia Power Co. 84/10/25. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27644:303. 24X Fiche: 50-366, 84/10/25, 8411260481.

8411140182 LER 84-024-00: on 841011, reactor water cleanup outboard isolation valve 2631-F004 isolated. Caused by 1/2 group supply breaker reset. W/841102 ltr.
ELTON, T. L., NIX, H. C. Georgia Power Co. 84/11/02. 3pp. 27492:301. 24X Fiche: 50-366, 84/11/02, 8411140182.

8411160109 LER 84-026-00: on 841004 & 07 reactor scrammed due to turbine trip from moisture separator reheater high level trip. Instrumentation actuation. Caused by varying ref leg level on level transmitters. W/841102 ltr.
ELTON, T. L., NIX, H. C. Georgia Power Co. 84/11/02. 3pp. 27544:335. 24X Fiche: 50-366, 84/11/02, 8411160109.

8411160001 LER 84-022-00: on 841006, motor leads disconnected to RHR svc water pumps 1E11-C001B & 1E11-C001D. Caused by personnel error. Personnel counseled. W/841103 ltr.
ELTON, T. L., NIX, H. C. Georgia Power Co. 84/11/03. 3pp. 27544:124. 24X Fiche: 50-366, 84/11/03, 8411160001.

8411160005 LER 84-010-01: on 840924, reactor water cleanup (RWCU) inboard & outboard isolation valves, 2631-F001 & 2631-F004, respectively, isolated due to high differential flow signal. Caused by RWCU demineralizer not full. W/841105 ltr.
ELTON, T. L., NIX, H. C. Georgia Power Co. 84/11/05. 3pp. 27544:089. 24X Fiche: 50-366, 84/11/05, 8411160005.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411290597 LER 84-025-00: on 841025, during insp of RCIC trip & throttle valves, valve yoke arm found broken off. Caused by loose setscrew. Yoke arm & setscrew replaced. W/841119 ltr.
ELTON, T. L., NIX, H. C. Georgia Power Co. 84/11/19. 3pp. 27722:186. 24X Fiche: 50-366, 84/11/19, 8411290597.

V. Operator Examinations

8411140512 Confirms 841016 telcon between VL Brownlee & JT Beckham re results of simulator requalification exams administered to reactor operators & senior operators on 840918. Meeting scheduled to discuss exam results during 841022-26.
O'REILLY, J. P. Region 2, Office of Director. 84/10/16. KELLY, R. J. Georgia Power Co. 3pp. 27495:271. 24X Fiche: 50-321, 84/10/16, 8411140512.

8411150109 Confirms 841023 mgt meeting at Region II ofc to discuss licensed operator qualifications & training at facility.
LEWIS, R. C. Region 2, Office of Director. 84/10/22. KELLY, R. J. Georgia Power Co. 2pp. 27529:362. 24X Fiche: 50-321, 84/10/22, 8411150109.

DOCKET 50-368 ARKANSAS NUCLEAR ONE, UNIT 2

F. Security, medical, emergency & fire protection plans

8411090481 Public version of revs to emergency plan implementing procedures, including 1903.61, "Communications Equipment Tests" & 1903.62, "Communication Sys Operating Procedure." W/JM Felton 841030 memo.
* Arkansas Power & Light Co. 84/08/29. 748pp. 27420:001. 24X Fiche: 50-313, 84/08/29, 8411090481.

8411260347 Revised emergency plan implementing procedures, including 1903.34, "Emergency Operations Facility Evacuation" & 1903.52, "Command & Control."
* Arkansas Power & Light Co. 84/08/29. 3pp. 27608:325. 24X Fiche: 50-313, 84/08/29, 8411260347.

8411210239 Expresses appreciation for courtesy & cooperation util provided to date in implementing IAEA safeguards at facility. IAEA will visit facility 841109-14 to conduct measurement of matl at spent fuel pool.
MILLER, J. R. Operating Reactors Branch 3. 84/11/05. GRIFFIN, J. M. Arkansas Power & Light Co. 2pp. 27617:326. 24X Fiche: 50-368, 84/11/05, 8411210239.

8411140188 Rev 6 to Emergency Plan Implementing Procedure 1903.02, "Assignment of Plant Emergency Team/Group Members."
LEVINE, J. L. Arkansas Power & Light Co. 84/11/07. 13pp. 27466:126. 24X Fiche: 50-313, 84/11/07, 8411140188.

8411150007 Forwards revised integrated implementation plan in response to Suppl 1 to NUREG-0737 (Generic Ltr 82-33). Control room design review & Reg Guide 1.97 programs discussed.
ENOS, J. T. Arkansas Power & Light Co. 84/11/09. EISENHUT, D. G. Division of Licensing. 9pp. 27504:174. 24X Fiche: 50-313, 84/11/09, 8411150007.

8411270225 Requests that portion of 820105 Tech Spec request, changing designation from one heat detector to two flame detectors per room be processed. Processing of request would allow removal of fire watch.
ENOS, J. T. Arkansas Power & Light Co. 84/11/19. MILLER, J. R. Operating Reactors Branch 3. 3pp. 27635:158. 24X Fiche: 50-368, 84/11/19, 8411270225.

H. General correspondence

8411070210 Informs that JT Enos designated licensing manager effective 841008, succeeding J Marshall. J Marshall promoted to project manager.
GRIFFIN, J. M. Arkansas Power & Light Co. 84/10/22. STOLZ, J. F. Operating Reactors Branch 4. MILLER, J. R. Operating Reactors Branch 3. 2pp. 27395:205. 24X Fiche: 50-313, 84/10/22, 8411070210.

DOCKETED ITEMS

207

P. Operating license stage documents & correspondence

B411020264 Forwards response to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Util will submit proposed changes to surveillance Tech Specs to reduce cold fast diesel generator starts by 850115. ENOS, J. T. Arkansas Power & Light Co. 84/10/24. EISENHUT, D. G. Division of Licensing. 8pp. 27255:226. 24X Fiche:50-313,84/10/24, 8411020264.

B411130739 Forwards Amends 85 & 57 to Licenses DPR-51 & NPF-6, respectively & safety evaluation. Amends revise Tech Specs to require administrative controls for shift overtime for staff who perform safety-related functions. STOLZ, J. F. Operating Reactors Branch 4. MILLER, J. R. Operating Reactors Branch 3. 84/10/29. GRIFFIN, J. M. Arkansas Power & Light Co. 2pp. 27463:305. 24X Fiche:50-313,84/10/29,8411130739.

--B411130740 Amends 85 & 57 to Licenses DPR-51 & NPF-6, respectively, revising Tech Specs to require administrative controls for shift overtime for staff who perform safety-related functions. STOLZ, J. F. Operating Reactors Branch 4. MILLER, J. R. Operating Reactors Branch 3. 84/10/29. 10pp. 27463:307. 24X Fiche:50-313,84/10/29,8411130739.

--B411130742 Safety evaluation supporting Amends 85 & 57 to Licenses DPR-51 & NPF-6, respectively. * Office of Nuclear Reactor Regulation, Director. 84/10/29. 2pp. 27463:317. 24X Fiche:50-313,84/10/29,8411130739.

B411130661 Notification of B41108 meeting w/C-E & utils in Bethesda, MD to discuss long-term improvement project on core protection calculators. LEE, R. S. Operating Reactors Branch 3. 84/11/01. MILLER, J. R. Operating Reactors Branch 3. 3pp. 27471:313. 24X Fiche:50-000,84/11/01,8411130661.

B411140371 Forwards proprietary & nonproprietary CEN-288(A), "CPC Methodology Changes for Arkansas One Unit 2 Cycle 5." Proprietary rept withheld (ref 10CFR2.790). ENOS, J. T. Arkansas Power & Light Co. 84/11/09. MILLER, J. R. Operating Reactors Branch 3. 5pp. 27470:012. 24X Fiche:50-368,84/11/09,8411140371.

--B411140376 Nonproprietary "CPC Methodology Changes for Arkansas Nuclear One Unit 2 Cycle 5." * Combustion Engineering, Inc. CEN-288(A)-NP. 84/10/31. 8pp. 27470:017. 24X Fiche:50-368,84/11/09,8411140371.

B411260215 Summary of B41017 meeting w/util in Bethesda, MD re inadequate core cooling monitoring sys. List of attendees encl. LEE, R. Operating Reactors Branch 3. 84/11/14. Operating Reactors Branch 3. 3pp. 27647:004. 24X Fiche:50-368,84/11/14,8411260215.

G. Inspection reports, IE Bulletins & correspondence

B411010584 Forwards order imposing civil penalty in amount of \$20,000 for violations noted during insp on 831205-08. Penalty mitigated 50% based on prompt & extensive corrective actions. TAYLOR, J. M. Director's Office, Office of Inspection and Enforcement. 84/10/25. GRIFFIN, J. M. Arkansas Power & Light Co. 3pp. 27251:260. 24X Fiche:50-313,84/10/25,8411010584.

--B411010588 Order imposing civil penalty in amount of \$20,000 for violations noted during insp on 831205-08. TAYLOR, J. M. Director's Office, Office of Inspection and Enforcement. 84/10/25. Arkansas Power & Light Co. 6pp. 27251:263. 24X Fiche:50-313,84/10/25,8411010584.

B411020236 EN-84-046A: on 841025, notice of violation & proposed imposition of civil penalties in amount of \$20,000 to be issued. In view of licensee prompt corrective actions, violation mitigated 50%. KLINGLER, G., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/10/25. 1p. 27261:362. 24X Fiche:50-313,84/10/25,8411020236.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche:50-000,84/10/26,8410250031.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche:50-000,84/11/02,8411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche:50-000,84/11/05,8411010487.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche:50-000,84/11/08,8411060254.

B411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche:50-000,84/11/16,8411150041.

B411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche:50-000,84/11/16,8411150072.

B411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche:50-000,84/11/19,8411150054.

B411260414 Remits payment of civil penalty in amount of \$20,000 imposed by NRC 841025 ltr. ENOS, J. T. Arkansas Power & Light Co. 84/11/20. TAYLOR, J. M. Director's Office, Office of Inspection and Enforcement. 1p. 27611:311. 24X Fiche:50-313,84/11/20,8411260414.

R. Periodic operating reports & related correspondence

B411130057 Monthly operating rept for Sept 1984. W/B41015 ltr. BRANLETT, L. S., ENOS, J. T. Arkansas Power & Light Co. 84/09/30. BASSETT, H. Division of Data Automation & Management Information. 6pp. 27460:291. 24X Fiche:50-368,84/09/30,8411130057.

S. Reportable occurrences, LERs & related correspondence

B411050313 PND-IV-84-024: on 841026, during full power operation, automatic reactor trip occurred. Caused by CER-7 control rod being released into core. Investigation revealed gripper coil on CEA-7 burned out. Coil replaced. HUNTER, D. R. Region 4, Office of Director. 84/10/29. 1p. 27298:219. 24X Fiche:50-368,84/10/29,8411050313.

B411120114 Advises that on 841027, two IAEA-installed seals removed from missile shield structure provided in containment over CRD mechanism during unscheduled outage to perform maint, per 841026 telcon. ENOS, J. T. Arkansas Power & Light Co. 84/11/02. MILLER, J. R. Operating Reactors Branch 3. 1p. 27429:215. 24X Fiche:50-368,84/11/02,841120114.

B411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche:50-000,84/11/06,8411190524.

DOCKET 50-369 WILLIAM B. MCQUIRE NUCLEAR STATION, UNIT 1

E. NRC Safety Evaluation Report (SER), suppl & correspondence

B411080300 Forwards alternative inservice insp program for accumulator injection line welds per 88ER 4 (NUREG-0422). PT & ultrasonic test exams will be performed w/accumulator injection sys depressurized. TUCKER, H. B. Duke Power Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAH, E. G. NRC - No Detailed Affiliation Given. 7pp. 27391:300. 24X Fiche:50-369,84/11/05,8411080300.

DOCKETED ITEMS

F. Security, medical, emergency & fire protection plans

B411140611 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. TUCKER, H. B. Duke Power Co. 2pp. 27495:118. 24X Fiche: 50-000, 84/10/11, B411140611.

B411080243 Forwards addl info re safety parameter display sys, per 840828 request. Unit 1 sys operational on operator aid computer since 840802. Unit 2 sys operational since 840830.
TUCKER, H. B. Duke Power Co. 84/11/02. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 3pp. 27391:307. 24X Fiche: 50-369, 84/11/02, B411080243.

B411160259 Advises that 841025 Rev 20 to physical security plan consistent w/provisions of 10CFR50.54(p) & acceptable. Encl changes requiring administrative clarification will be submitted by 841123, per 841109 agreement.
OLSHINSKI, J. A. Region 2, Office of Director. 84/11/13. TUCKER, H. B. Duke Power Co. 3pp. 27540:187. 24X Fiche: 50-369, 84/11/13, B411160259.

P. Operating license stage documents & correspondence

B411010035 Forwards FR notice of environ assessment & finding of no significant impact re 840618 proposed procedure for disposal of slightly contaminated water treatment residues.
ADENSAM, E. G. Licensing Branch 4. 84/10/24. TUCKER, H. B. Duke Power Co. 1p. 27266:327. 24X Fiche: 50-369, 84/10/24, B411010035.

--B411010042 Notice of environ assessment & finding of no significant impact re periodic removal & relocation of contaminated sludge residues from holdup pond to landfarming site.
NOVAK, T. M. Assistant Director for Licensing. 84/10/23. 10pp. 27266:328. 24X Fiche: 50-369, 84/10/24, B411010035.

B411010372 Responds to NRC request for addl info clarifying 840831 application to amend Licenses NPF-9 & NPF-17 re generator time overcurrent protection. Amend request does not include plan to install instantaneous overcurrent protection.
TUCKER, H. B. Duke Power Co. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 1p. 27229:349. 24X Fiche: 50-369, 84/10/26, B411010372.

B411020198 Advises that Tech Spec revs per Amends 35 & 16 to Licenses NPF-9 & NPF-17, respectively, not applicable until mods to install high-density two-region racks complete on each unit.
TUCKER, H. B. Duke Power Co. 84/10/29. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 2pp. 27252:196. 24X Fiche: 50-369, 84/10/29, B411020198.

B411090189 Advises that 821222 application requesting exemption from 10CFR50.71(e) to update FSAR does not require fee. Fee will be refunded.
MILLER, W. D. License Fee Management Branch. 84/10/29. TUCKER, H. B. Duke Power Co. 1p. 27423:360. 24X Fiche: 50-369, 84/10/29, B411090189.

B411050363 Application for amends to Licenses NPF-9 & NPF-17, proposing changes to eliminate inconsistencies between Tech Specs & capabilities of groundwater monitoring sys. Fee paid.
TUCKER, H. B. Duke Power Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 3pp. 27300:315. 24X Fiche: 50-369, 84/10/31, B411050363.

--B411050375 Proposed Tech Specs, changing capabilities of groundwater monitoring sys to eliminate inconsistencies.
* Duke Power Co. 84/10/31. 6pp. 27300:318. 24X Fiche: 50-369, 84/10/31, B411050363.

Amends to Licenses NPF-9 & NPF-17. Proposed changes between Tech Specs & groundwater monitoring sys installed at

DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 10/31, B411090203.

es NPF-9 & NPF-17, f issuance. Amends at less than or

1. TUCKER, H. B. Duke Power Co. 84/10/31, B411210220.

--B411210231 Amends 37 & 18 to Licenses NPF-9 & NPF-17, respectively, changing Tech Specs to permit unit operation at less than or equal to 46% rated thermal power.
ADENSAM, E. G. Licensing Branch 4. 84/10/31. 7pp. 27617:314. 24X Fiche: 50-369, 84/10/31, B411210220.

--B411210238 Safety evaluation supporting Amends 37 & 18 to Licenses NPF-9 & NPF-17, respectively.
* NRC - No Detailed Affiliation Given. 84/10/31. 2pp. 27617:321. 24X Fiche: 50-369, 84/10/31, B411210220.

--B411210247 Notice of issuance of Amends 37 & 18 to Licenses NPF-9 & NPF-17, respectively.
ADENSAM, E. G. Licensing Branch 4. 84/10/31. 2pp. 27617:323. 24X Fiche: 50-369, 84/10/31, B411210220.

B411150227 Responds to 840618 request for approval of proposed procedure re disposal of slightly contaminated water treatment sludge using landfarming site contiguous to plant. Portions concerning handling & storage acceptable.
NOVAK, T. M. Assistant Director for Licensing. 84/11/02. TUCKER, H. B. Duke Power Co. 1p. 27530:308. 24X Fiche: 50-369, 84/11/02, B411150227.

B411160532 Forwards request for addl info on Topical Rept DPC-NF-2010 re physics methodology for reloads, in response to util 840718 ltr. Response requested by 841130.
ADENSAM, E. G. Licensing Branch 4. 84/11/05. TUCKER, H. B. Duke Power Co. 11pp. 27546:218. 24X Fiche: 50-000, 84/11/05, B411160532.

B411150038 Application for amends to Licenses NPF-9 & NPF-17, deleting Tech Spec Surveillance Requirement 4.5.1.1.1.d for cold leg accumulator isolation valve automatic actuation. Automatic actuation feature obsolete. Fee paid.
TUCKER, H. B. Duke Power Co. 84/11/12. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 3pp. 27503:001. 24X Fiche: 50-369, 84/11/12, B411150038.

--B411150046 Proposed Tech Spec deleting surveillance requirement re cold leg accumulator isolation valve automatic actuation.
* Duke Power Co. 84/11/12. 3pp. 27503:004. 24X Fiche: 50-369, 84/11/12, B411150038.

B411200223 Application for amends to Licenses NPF-9 & NPF-17, relaxing certain conservative surveillance & testing requirements for auxiliary feedwater pumps to correspond to ASME Boiler & Pressure Vessel Code, Section XI. Fee paid.
TUCKER, H. B. Duke Power Co. 84/11/16. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 3pp. 27577:209. 24X Fiche: 50-369, 84/11/16, B411200223.

--B411200230 Proposed Tech Specs relaxing certain overly conservative surveillance & testing requirements for auxiliary feedwater pumps to correspond to ASME Boiler & Pressure Vessel Code, Section XI, Subsection 1WP.
* Duke Power Co. 84/11/16. 10pp. 27577:212. 24X Fiche: 50-369, 84/11/16, B411200223.

B411270423 Application for amends to Licenses NPF-9 & NPF-17, revising Tech Specs re plant operating limitations affected by use of optimized fuel assembly designs. Fee paid. Marked-up Tech Specs encl.
TUCKER, H. B. Duke Power Co. 84/11/16. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 139pp. 27628:021. 24X Fiche: 50-369, 84/11/16, B411270423.

G. Inspection reports, IE Bulletins & correspondence

B411020271 Responds to violation noted in Insp Rept 50-369/84-10. Corrective actions: correct position of breaker racking release lever verified & disciplinary actions taken against appropriate personnel.
TUCKER, H. B. Duke Power Co. 84/10/25. Director's Office, Office of Inspection and Enforcement. 6pp. 27253:340. 24X Fiche: 50-369, 84/10/25, B411020271.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, B410250031.

B411120020 Ack receipt of 841025 ltr & payment of civil penalty in amount of \$40,000 imposed by 840926 order.
AXELRAD, J. A. Director's Office, Office of Inspection and Enforcement. 84/10/31. TUCKER, H. B. Duke Power Co. 2pp. 27440:357. 24X Fiche: 50-369, 84/10/31, B411120020.

DOCKETED ITEMS

209

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411080300 Forwards alternative inservice insp program for accumulator injection line welds per SSER 4 (NUREG-0422). PT & ultrasonic test exams will be performed w/accumulator injection sys depressurized.
TUCKER, H. B. Duke Power Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. NRC - No Detailed Affiliation Given. 7pp. 27391:300. 24X Fiche: 50-369, 84/11/05, 8411080300.

8411150005 Forwards Vols I, II & III of Rev 6 to "Inservice Insp Plan."
TUCKER, H. B. Duke Power Co. 84/11/07. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 1p. 27505:337. 24X Fiche: 50-369, 84/11/07, 8411150005.

--8411150014 Vols I, II & III of Rev 6 to "Inservice Insp Plan."
HILDERBRAND, T. Duke Power Co. 84/11/01. 1117pp 27505:338. 24X Fiche: 50-369, 84/11/07, 8411150005.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411260134 Monthly operating repts for Oct 1984. W/841115 ltr.
REAVIS, J. A., TUCKER, H. B. Duke Power Co. 84/10/31. 12pp. 27645:248. 24X Fiche: 50-369, 84/10/31, 8411260134.

S. Reportable occurrences, LERs & related correspondence

8411070324 Discusses LERs 84-019-00 & 84-014-00 re failure of valve actuators to meet environ qualification requirements. Events appropriate to include in Vendor Program Branch reviews.
HELTHERS, C. J. Director's Office. 84/10/29. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 3pp. 27388:187. 24X Fiche: 50-000, 84/10/29, 8411070324.

8411060460 PNO-II-84-081: on 841031, Unit 1 shut down due to nitrogen entrainment in upper head injection sys accumulator in excess of Tech Specs. Caused by improper installation of four level transmitters. Unit 2 transmitters isolated.
BROWNLEE, V. L., DANCE, H. C. Region 2, Office of Director. 84/11/02. 2pp. 27319:359. 24X Fiche: 50-369, 84/11/02, 8411060460.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411200565 Forwards LER 84-025-00 re open vent valve in containment spray sys. Event initially determined to be not reportable due to minimal impact on design function. Event determined reportable per Insp Rept 50-369/84-29.
TUCKER, H. B. Duke Power Co. 84/11/09. Record Services Branch (Document Control Desk). 2pp. 27585:357. 24X Fiche: 50-369, 84/11/09, 8411200565.

--8411200569 LER 84-025-00: on 840627, 3/4-inch vent valve in containment spray sys found open during valve stroke timing test. Caused by personnel error. Importance of removal & restoration procedures emphasized. Spill cleaned up.
GEWEHR, S. Duke Power Co. 84/11/09. 5pp. 27585:359. 24X Fiche: 50-369, 84/11/09, 8411200565.

8411260161 LER 84-025-00: on 840712, Westinghouse filed Part 21 rept re potential overpressurization of component cooling water sys. Mods will be designed & implemented to increase relief capacity of surge tanks. W/841109 ltr.
GEWEHR, S., TUCKER, H. B. Duke Power Co. 84/11/09. 4pp. 27645:268. 24X Fiche: 50-369, 84/11/09, 8411260161.

8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl.
WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, 84/11/12, 8411260340.

DOCKET 50-370 WILLIAM B. MCQUIRE NUCLEAR STATION, UNIT 2

E. NRC Safety Evaluation Report (SER), suppls & correspondence

8411080300 Forwards alternative inservice insp program for accumulator injection line welds per SSER 4 (NUREG-0422). PT & ultrasonic test exams will be performed w/accumulator injection sys depressurized.
TUCKER, H. B. Duke Power Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 7pp. 27391:300. 24X Fiche: 50-369, 84/11/05, 8411080300.

F. Security, medical, emergency & fire protection plans

8411140611 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. TUCKER, H. B. Duke Power Co. 2pp. 27495:118. 24X Fiche: 50-000, 84/10/11, 8411140611.

8411080243 Forwards addl info re safety parameter display sys, per 840828 request. Unit 1 sys operational on operator aid computer since 840802. Unit 2 sys operational since 840830.
TUCKER, H. B. Duke Power Co. 84/11/02. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 9pp. 27391:307. 24X Fiche: 50-369, 84/11/02, 8411080243.

8411160259 Advises that 841025 Rev 20 to physical security plan consistent w/provisions of 10CFR 50.54(p) & acceptable. Encl' changes requiring administrative clarification will be submitted by 841123, per 841109 agreement.
OLSHINSKI, J. A. Region 2, Office of Director. 84/11/13. TUCKER, H. B. Duke Power Co. 3pp. 27540:187. 24X Fiche: 50-369, 84/11/13, 8411160259.

P. Operating license stage documents & correspondence

8411010035 Forwards FR notice of environ assessment & finding of no significant impact re 840618 proposed procedure for disposal of slightly contaminated water treatment residues.
ADENSAM, E. G. Licensing Branch 4. 84/10/24. TUCKER, H. B. Duke Power Co. 1p. 27266:327. 24X Fiche: 50-369, 84/10/24, 8411010035.

--8411010042 Notice of environ assessment & finding of no significant impact re periodic removal & relocation of contaminated sludge residues from holdup pond to landfarming site.
NOVAK, T. M. Assistant Director for Licensing. 84/10/23. 10pp. 27266:328. 24X Fiche: 50-369, 84/10/24, 8411010035.

8411010372 Responds to NRC request for addl info clarifying 840831 application to amend Licenses NPF-9 & NPF-17 re generator time overcurrent protection. Amend request does not include plan to install instantaneous overcurrent protection.
TUCKER, H. B. Duke Power Co. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 1p. 27229:349. 24X Fiche: 50-369, 84/10/26, 8411010372.

DOCKETED ITEMS

8411020198 Advises that Tech Spec revs per Amends 35 & 16 to Licenses NPF-9 & NPF-17, respectively, not applicable until mods to install high-density two-region racks complete on each unit. TUCKER, H. B. Duke Power Co. 84/10/29. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 2pp. 27252:196. 24X Fiche: 50-369, 84/10/29, 8411020198.

8411050363 Application for amends to Licenses NPF-9 & NPF-17, proposing changes to eliminate inconsistencies between Tech Specs & capabilities of groundwater monitoring sys. Fee paid. TUCKER, H. B. Duke Power Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 3pp. 27300:315. 24X Fiche: 50-369, 84/10/31, 8411050363.

--8411050375 Proposed Tech Specs, changing capabilities of groundwater monitoring sys to eliminate inconsistencies. * Duke Power Co. 84/10/31. 6pp. 27300:318. 24X Fiche: 50-369, 84/10/31, 8411050375.

8411090203 Forwards proposed amends to Licenses NPF-9 & NPF-17, Proposed changes eliminate inconsistencies between Tech Specs & capabilities of groundwater monitoring sys installed at facility. Fee paid. W/o encls. TUCKER, H. B. Duke Power Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 1p. 27398:158. 24X Fiche: 50-369, 84/10/31, 8411090203.

8411210220 Forwards Amends 37 & 18 to Licenses NPF-9 & NPF-17, respectively, safety evaluation & notice of issuance. Amends change Tech Specs to permit unit operation at less than or equal to 46% rated thermal power. ADENSAM, E. G. Licensing Branch 4. 84/10/31. TUCKER, H. B. Duke Power Co. 3pp. 27617:311. 24X Fiche: 50-369, 84/10/31, 8411210220.

--8411210231 Amends 37 & 18 to Licenses NPF-9 & NPF-17, respectively, changing Tech Specs to permit unit operation at less than or equal to 46% rated thermal power. ADENSAM, E. G. Licensing Branch 4. 84/10/31. 7pp. 27617:314. 24X Fiche: 50-369, 84/10/31, 8411210231.

--8411210238 Safety evaluation supporting Amends 37 & 18 to Licenses NPF-9 & NPF-17, respectively. * NRC - No Detailed Affiliation Given. 84/10/31. 2pp. 27617:321. 24X Fiche: 50-369, 84/10/31, 8411210238.

--8411210247 Notice of issuance of Amends 37 & 18 to Licenses NPF-9 & NPF-17, respectively. ADENSAM, E. G. Licensing Branch 4. 84/10/31. 2pp. 27617:323. 24X Fiche: 50-369, 84/10/31, 8411210247.

841150227 Responds to 840618 request for approval of proposed procedure re disposal of slightly contaminated water treatment sludge using landfarming site contiguous to plant. Portions concerning handling & storage acceptable. NOVAK, T. M. Assistant Director for Licensing. 84/11/02. TUCKER, H. B. Duke Power Co. 1p. 27530:308. 24X Fiche: 50-369, 84/11/02, 841150227.

841160532 Forwards request for addl info on Topical Rept DFC-NF-2010 re physics methodology for reloads, in response to until 840718 ltr. Response requested by 841130. ADENSAM, E. G. Licensing Branch 4. 84/11/05. TUCKER, H. B. Duke Power Co. 1pp. 27546:218. 24X Fiche: 50-000, 84/11/05, 841160532.

841150038 Application for amends to Licenses NPF-9 & NPF-17, deleting Tech Spec Surveillance Requirement 4.5.1.1.1.d for cold leg accumulator isolation valve automatic actuation. Automatic actuation feature obsolete. Fee paid. TUCKER, H. B. Duke Power Co. 84/11/12. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 3pp. 27503:001. 24X Fiche: 50-369, 84/11/12, 841150038.

--841150046 Proposed Tech Spec deleting surveillance requirement re cold leg accumulator isolation valve automatic actuation. * Duke Power Co. 84/11/12. 3pp. 27503:004. 24X Fiche: 50-369, 84/11/12, 841150046.

on for amends to Licenses NPF-9 & NPF-17, relaxing surveillance & testing requirements for pumps to correspond to ASME Boiler & Section XI. Fee paid. Co. 84/11/16. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 1X Fiche: 50-369, 84/11/16, 8411200223.

--8411200230 Proposed Tech Specs relaxing certain overly conservative surveillance & testing requirements for auxiliary feedwater pumps to correspond to ASME Boiler & Pressure Vessel Code, Section XI, Subsection IWP. * Duke Power Co. 84/11/16. 10pp. 27577:212. 24X Fiche: 50-369, 84/11/16, 8411200230.

8411270423 Application for amends to Licenses NPF-9 & NPF-17, revising Tech Specs re plant operating limitations affected by use of optimized fuel assembly designs. Fee paid. Marked-up Tech Specs encl. TUCKER, H. B. Duke Power Co. 84/11/16. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 139pp. 27628:021. 24X Fiche: 50-369, 84/11/16, 8411270423.

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Telotherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

841120020 Ack receipt of 841025 ltr & payment of civil penalty in amount of \$40,000 imposed by 840926 order. AXELRAD, J. A. Director's Office, Office of Inspection and Enforcement. 84/10/31. TUCKER, H. B. Duke Power Co. 2pp. 27440:357. 24X Fiche: 50-369, 84/10/31, 841120020.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411080300 Forwards alternative inservice insp program for accumulator injection line welds per SSER 4 (NUREG-0422). PT & ultrasonic test exams will be performed w/accumulator injection sys depressurized. TUCKER, H. B. Duke Power Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. NRC - No Detailed Affiliation Given. 7pp. 27391:300. 24X Fiche: 50-369, 84/11/05, 8411080300.

841150005 Forwards Vols I, II & III of Rev 6 to "Inservice Insp Plan." TUCKER, H. B. Duke Power Co. 84/11/07. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E. G. Licensing Branch 4. 1p. 27505:337. 24X Fiche: 50-369, 84/11/07, 841150005.

--841150014 Vols I, II & III of Rev 6 to "Inservice Insp Plan." HILDEBRAND, T. Duke Power Co. 84/11/01. 1117pp. 27505:338. 24X Fiche: 50-369, 84/11/07, 841150005.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

8411260134 Monthly operating reports for Oct 1984, W/841115 ltr. REAVIS, J. A. TUCKER, H. B. Duke Power Co. 84/10/31. 12pp. 27648:248. 24X Fiche: 50-369, 84/10/31, 8411260134.

S. Reportable occurrences, LERs & related correspondence

B411130482 LER 84-017-00: on 840806, broken weld discovered on RHR sys letdown line to chemical & vol control sys. Break allowed leakage of approx 3,000-7,000 gallons contaminated water. Caused by water hammer due to gas void. W/841031 ltr. GEWEHR, S., TUCKER, H.B. Duke Power Co. 84/10/05. 11pp. 27459:102. 24X Fiche: 50-370, 84/10/05, B411130482.

B411030626 LER 84-024-00: on 840916, abnormally high number of rate-of-rise fire detector failures discovered in diesel generator 2B room. Caused by improper detector application. Detectors replaced. W/841022 ltr. GEWEHR, S., TUCKER, H.B. Duke Power Co. 84/10/22. 4pp. 27283:124. 24X Fiche: 50-370, 84/10/22, B411030626.

B411130442 LER 84-025-00: on 840826 & 30, turbine driven auxiliary feedwater pump experienced reverse rotation, causing overpressurization of pump suction piping. Caused by leaking swing check valve. Leaking valve replaced. W/841026 ltr. GEWEHR, S., TUCKER, H.B. Duke Power Co. 84/10/26. 5pp. 27459:088. 24X Fiche: 50-370, 84/10/26, B411130442.

B411070324 Discusses LERs 84-019-00 & 84-014-00 re failure of valve actuators to meet environ qualification requirements. Events appropriate to include in Vendor Program Branch reviews. HELTENES, C.J. Director's Office. 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27388:187. 24X Fiche: 50-000, 84/10/29, B411070324.

B411060460 PND-II-84-081: on 841031, Unit 1 shut down due to nitrogen entrainment in upper head injection sys accumulator in excess of Tech Specs. Caused by improper installation of four level transmitters. Unit 2 transmitters isolated. BROWNLEE, V.L., DANCE, M.C. Region 2, Office of Director. 84/11/02. 2pp. 27319:359. 24X Fiche: 50-369, 84/11/02, B411060460.

B411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, B411190524.

B411260340 Responds to B41109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl. WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, 84/11/12, B411260340.

DOCKET 50-373 LASALLE COUNTY STATION. UNIT 1F. Security, medical, emergency & fire protection plans

B411190295 Rev 4 to Emergency Plan Implementing Procedure LZF-1160-01. "Administrative Director Implementing Procedure" & revised index. * Commonwealth Edison Co. 84/10/19. 14pp. 27554:003. 24X Fiche: 50-373, 84/10/19, B411190295.

B411160334 Revised environ emergency plan implementing procedures including EQ-1 re coordination of environ group activities & EQ-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR. THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022. 24X Fiche: 50-000, 84/10/31, B411160334.

B411290654 Forwards Insp Repts 50-373/84-18 & 50-374/84-24 on 841009-11. No noncompliance noted. List of exercise weaknesses encl. GREGER, L.R. Region 3, Office of Director. 84/11/07. REED, C. Commonwealth Edison Co. 3pp. 27701:133. 24X Fiche: 50-373, 84/11/07, B411290654.

B411290659 Insp Repts 50-373/84-18 & 50-374/84-24 on 841009-11. No noncompliance or deviations noted. Major areas inspected: emergency preparedness exercise involving observations of key functions & locations during exercise. PLOSKI, T., SMITH, M., SNELL, W. Region 3, Office of Director. 84/11/07. 19pp. 27701:136. 24X Fiche: 50-373, 84/11/07, B411290659.

B411190243 Rev 3 to emergency plan annex. MOORE, R.D. Commonwealth Edison Co. 84/11/30. 68pp. 27551:238. 24X Fiche: 50-373, 84/11/30, B411190243.

P. Operating license stage documents & correspondence

B410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl. EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - GPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, B410290050.

B411090396 Informs that fee for B40807 request for approval for use of ASME Code Case N-389 will be deducted from refund for B31121 request for exemption of reactor feedwater inboard check valves from Type C test requirements. MILLER, W.O. License Fee Management Branch. 84/10/29. FARRAR, D.L. Commonwealth Edison Co. 2pp. 27422:359. 24X Fiche: 50-373, 84/10/29, B411090396.

B411200363 Forwards Amends 19 & 5 to Licenses NPF-11 & NPF-18, respectively & safety evaluation. Amends revise Tech Specs to modify limits on monitors in accordance w/guidance specified in Generic Ltr 83-36, "NUREG-0737 Tech Specs." SCHWENGER, A. Licensing Branch 2. 84/11/09. FARRAR, D.L. Commonwealth Edison Co. 3pp. 27597:313. 24X Fiche: 50-373, 84/11/09, B411200363.

B411200368 Amends 19 & 5 to Licenses NPF-11 & NPF-18, respectively, revising Tech Specs to modify limits on monitors in accordance w/guidance specified in Generic Ltr 83-36, "NUREG-0737 Tech Specs." SCHWENGER, A. Licensing Branch 2. 84/11/09. 12pp. 27597:316. 24X Fiche: 50-373, 84/11/09, B411200363.

B411200371 Safety evaluation supporting Amends 19 & 5 to Licenses NPF-11 & NPF-18, respectively. * NRC - No Detailed Affiliation Given. 84/11/09. 2pp. 27597:328. 24X Fiche: 50-373, 84/11/09, B411200363.

G. Inspection reports, IE Bulletins & correspondence

B411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907. NORELIOUS, C.E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 24X Fiche: 50-000, 84/10/16, B411130238.

B411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites. SUERHANN, J.F. Region 3, Office of Director. 84/10/12. 5pp. 24X Fiche: 50-000, 84/10/16, B411130238.

B411160154 Forwards Insp Repts 50-373/84-24 & 50-374/84-31 on 840918-20. No noncompliance noted. GREGER, L.R. Region 3, Office of Director. 84/10/24. REED, C. Commonwealth Edison Co. 2pp. 27545:323. 24X Fiche: 50-373, 84/10/24, B411160154.

B411160166 Insp Repts 50-373/84-24 & 50-374/84-31 on 840918-20. No violations or deviations noted. Major areas inspected: implementation of 10CFR20 & 10CFR61 requirements for disposal of low level radwastes. GETHMANN, M.J., SCHUMACHER, M.C. Region 3, Office of Director. 84/10/23. 5pp. 27545:325. 24X Fiche: 50-373, 84/10/24, B411160154.

B410250031 IE Info Notice 84-77, "Incident Involving Telotherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, B410250031.

B411160128 Forwards Insp Repts 50-373/83-52 & 50-374/83-55 on 831108-841022 & notice of violation. KEPLER, J.O. Region 3, Office of Director. 84/10/26. O'CONNOR, J.J. Commonwealth Edison Co. 3pp. 27544:308. 24X Fiche: 50-373, 84/10/26, B411160128.

B411160135 Notice of violation from insp on 831108-841022. KEPLER, J.O. Region 3, Office of Director. 84/10/25. 2pp. 27544:311. 24X Fiche: 50-373, 84/10/26, B411160128.

B411160145 Insp Repts 50-373/83-52 & 50-374/83-55 on 831108-841022. Violation noted: failure to assure that containment isolation valves conformed to FSAR requirement that valves not reposition upon resetting of EBF actuation signal. LANKSBURY, R.D., RING, M.A. Region 3, Office of Director. 84/10/25. 5pp. 27544:313. 24X Fiche: 50-373, 84/10/26, B411160128.

DOCKETED ITEMS

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche:50-000.84/11/02.8411010388.

8411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche:50-000.84/11/05.8411010487.

8411290654 Forwards Insp Repts 50-373/84-18 & 50-374/84-24 on 841009-11. No noncompliance noted. List of exercise weaknesses encl.
GREGER, L. R. Region 3, Office of Director. 84/11/07. REED, C. Commonwealth Edison Co. 3pp. 27701:133. 24X Fiche:50-373.84/11/07. 8411290654.

--8411290659 Insp Repts 50-373/84-18 & 50-374/84-24 on 841009-11. No noncompliance or deviations noted. Major areas inspected: emergency preparedness exercise involving observations of key functions & locations during exercise.
PLOSKE, T., SMITH, M., SNELL, W. Region 3, Office of Director. 84/11/07. 19pp. 27701:136. 24X Fiche:50-373.84/11/07.8411290654.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche:50-000.84/11/08.8411060254.

8411500041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche:50-000.84/11/16.8411500041.

8411500072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche:50-000.84/11/16.8411500072.

8411290369 Ack receipt of 841102 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-373/84-28 & 50-374/84-36.
NOELIUS, C. E. Region 3, Office of Director. 84/11/16. REED, C. Commonwealth Edison Co. 1p. 27721:288. 24X Fiche:50-373.84/11/16. 8411290369.

--8411290378 Responds to NRC 841004 ltr re violations noted in Insp Rept 50-373/84-28 & 50-374/84-36. Corrective actions: limiting condition for operation time clock control completely revised.
FARRAR, D. L. Commonwealth Edison Co. 84/11/02. KEPPLER, J. G. Region 3, Office of Director. 9pp. 27721:289. 24X Fiche:50-373.84/11/16.8411290369.

8411500054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche:50-000.84/11/19.8411500054.

R. Periodic operating reports & related correspondence

841140455 Monthly operating repts for Sept 1984. W/841010 ltr.
DUS, R. S., DIEDERICH, G. J. Commonwealth Edison Co. 84/09/30. 28pp. 27494:104. 24X Fiche:50-373.84/09/30.841140455.

----- related correspondence

containment isolation sys
acts 11 & 12 being

Edison Co. 84/10/23. 4pp.
--1190.

inadvertently initiated. Caused by personnel being unaware of train status. Train immediately secured & control switch taken to pull-to-lock position. W/841023 ltr.
MASTERSON, V., DIEDERICH, G. J. Commonwealth Edison Co. 84/10/23. 4pp. 27352:327. 24X Fiche:50-373.84/10/23.8411060322.

8411070214 LER 84-060-00: on 840929. Div 1 high steam flow isolation received during attempt to reopen 1E51-F008 RCIC outboard isolation. Caused by differential pressure created by cooling differences upstream. Outboard isolation reset. W/841024 ltr.
WINTERHOFF, D., DIEDERICH, G. J. Commonwealth Edison Co. 84/10/24. 4pp. 27389:104. 24X Fiche:50-373.84/10/24.8411070214.

841130051 LER 84-059-00: on 841002. HPSC discharge relief valve bellows failed. Cause undetermined. HPSC relief valve repaired.
W/841024 ltr.
HAMMERICH, T. A., DIEDERICH, G. J. Commonwealth Edison Co. 84/10/24. 4pp. 27460:312. 24X Fiche:50-373.84/10/24.841130051.

841130106 LER 84-061-00: on 841001. combined leakage of all four main steam lines exceeded Tech Spec limits. Caused by possible imperfections in seating surfaces. Valves repaired. W/841024 ltr.
ULLRICH, J., DIEDERICH, G. J. Commonwealth Edison Co. 84/10/24. 3pp. 27460:160. 24X Fiche:50-373.84/10/24.841130106.

841130135 LER 84-062-00: on 840930. shutdown cooling suction inboard isolation valve 1E21-F009 failed to open. Cause unknown. Personnel trained on correct procedure for declutching motor operators. W/841030 ltr.
PETERS, M., DIEDERICH, G. J. Commonwealth Edison Co. 84/10/30. 4pp. 27460:213. 24X Fiche:50-373.84/10/30.841130135.

841140094 LER 84-064-00: on 841004. feedwater inboard check valve 1B21-F010A not fully seated. Caused by wedged hinge pin bushing between disc antirotation weld & shoulder. Bushings replaced. W/84102 ltr.
KOENIG, R. D., DIEDERICH, G. J. Commonwealth Edison Co. 84/11/02. 4pp. 27491:359. 24X Fiche:50-373.84/11/02.841140094.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche:50-000.84/11/06.841190524.

8411260400 Part 21 rept re HEXCEL/MCI pipe restraints found w/average dynamic crush strength values below acceptable values. Initially reported on 841101. Replacement program in progress.
PRESTON, R. S. Hexcel Corp. 84/11/08. MARTIN, J. B. Region 3, Office of Director. 3pp. 27611:235. 24X Fiche:50-000.84/11/08.8411260400.

8411260042 LER 84-066-00: on 841015. train A ammonia-chloride alarm received. Faulty tape removed. W/841113 ltr.
MASTERSON, V., DIEDERICH, G. J. Commonwealth Edison Co. 84/11/13. 4pp. 27645:206. 24X Fiche:50-373.84/11/13.8411260042.

8411290287 LER 84-067-00: on 841025. insp of mechanical fire penetrations identified three penetrations not sealed properly. Caused by const/installation error. Penetrations restored to operable status. W/841115 ltr.
MCVEY, E. A., DIEDERICH, G. J. Commonwealth Edison Co. 84/11/15. 3pp. 27718:340. 24X Fiche:50-373.84/11/15.8411290287.

8411290306 LER 84-069-00: on 841023. leak found at fitting on variable leg to instrument rack causing loss of accurate level for shutdown indication for upset & narrow range A & B instruments. W/841119 ltr.
BEKE, J. E., DIEDERICH, G. J. Commonwealth Edison Co. 84/11/19. 3pp. 27718:343. 24X Fiche:50-373.84/11/19.8411290306.

8411290595 LER 84-070-00: on 841024. survey of work location in RHR Room B indicated high radiation levels. Cause not stated. RHR rooms & raceway elevations of reactor bldg secured & posted. Routine survey forms being revised. W/841119 ltr.
LEWIS, J., DIEDERICH, G. J. Commonwealth Edison Co. 84/11/19. 4pp. 27722:161. 24X Fiche:50-373.84/11/19.8411290595.

8411290587 LER 84-071-00: on 841024. reactor water cleanup outboard isolation valve inadvertently closed during surveillance on primary containment isolation manual pushbutton for Div 1. Caused by opening incorrect breaker. W/841120 ltr.
KIRCHHOFF, W., DIEDERICH, G. J. Commonwealth Edison Co. 84/11/20. 4pp. 27722:157. 24X Fiche:50-373.84/11/20.8411290587.

DOCKET 50-374 LABALLE COUNTY STATION. UNIT 2

F. Security, medical, emergency & fire protection plans

841190295 Rev 4 to Emergency Plan Implementing Procedure L2P-1160-01. "Administrative Director Implementing Procedure" & revised index.
* Commonwealth Edison Co. 84/10/19. 14pp. 27554:003. 24X Fiche:50-373.84/10/19.841190295.

DOCKETED ITEMS

213

841160334 Revised environ emergency plan implementing procedures including EG-1 re coordination of environ group activities & EG-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR.
THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022.
24X Fiche: 50-000, 84/10/31, 841160334.

8411290654 Forwards Insp Repts 50-373/84-18 & 50-374/84-24 on 841009-11. No noncompliance noted. List of exercise weaknesses encl.
GREGG, L. R. Region 3, Office of Director. 84/11/07. REED, C. Commonwealth Edison Co. 3pp. 27701:133. 24X Fiche: 50-373, 84/11/07, 8411290654.

--8411290659 Insp Repts 50-373/84-18 & 50-374/84-24 on 841009-11. No noncompliance or deviations noted. Major areas inspected: emergency preparedness exercise involving observations of key functions & locations during exercise.
PLOSKEI, T., WILLIAMSEN, N., MARABITO, R. Region 3, Office of Director. 84/11/07. 19pp. 27701:136. 24X Fiche: 50-373, 84/11/07, 8411290654.

8411190243 Rev 3 to emergency plan annex.
MOORE, R. D. Commonwealth Edison Co. 84/11/30. 68pp. 27551:238.
24X Fiche: 50-373, 84/11/30, 8411190243.

P. Operating license stage documents & correspondence

8411030343 Forwards notice of consideration of issuance of amend to License NPF-18 & proposed NSHC determination & opportunity for hearing. Proposed amend revised Tech Specs to reflect reactor scram on low CRD pump discharge pressure mod.
SCHWENCER, A. Licensing Branch 2. 84/10/25. FARRAR, D. L. Commonwealth Edison Co. 3pp. 27289:195. 24X Fiche: 50-374, 84/10/25, 8411030343.

--8410310314 Notice of consideration of issuance of amend to License NPF-18 & proposed NSHC determination & opportunity for hearing. Amend revises Tech Specs to reflect mod to provide reactor scram on low CRD pump discharge pressure.
SCHWENCER, A. Licensing Branch 2. 84/10/17. 6pp. 27289:198. 24X Fiche: 50-374, 84/10/25, 8411030343.

8411090396 Informs that fee for 840807 request for approval for use of ASME Code Case N-389 will be deducted from refund for 831121 request for exemption of reactor feedwater inboard check valves from Type C test requirements.
HILLER, W. O. License Fee Management Branch. 84/10/29. FARRAR, D. L. Commonwealth Edison Co. 2pp. 27422:339. 24X Fiche: 50-373, 84/10/29, 8411090396.

8411200363 Forwards Amends 19 & 5 to Licenses NPF-11 & NPF-18, respectively & safety evaluation. Amends revise Tech Specs to modify limits on monitors in accordance w/guidance specified in Generic Ltr 83-36, "NUREG-0737 Tech Specs."
SCHWENCER, A. Licensing Branch 2. 84/11/09. FARRAR, D. L. Commonwealth Edison Co. 3pp. 27597:313. 24X Fiche: 50-373, 84/11/09, 8411200363.

--8411200368 Amends 19 & 5 to Licenses NPF-11 & NPF-18, respectively, revising Tech Specs to modify limits on monitors in accordance w/guidance specified in Generic Ltr 83-36, "NUREG-0737 Tech Specs."
SCHWENCER, A. Licensing Branch 2. 84/11/09. 12pp. 27597:316. 24X Fiche: 50-373, 84/11/09, 8411200363.

--8411200371 Safety evaluation supporting Amends 19 & 5 to Licenses NPF-11 & NPF-18, respectively.
* NRC - No Detailed Affiliation Given. 84/11/09. 2pp. 27597:328. 24X Fiche: 50-373, 84/11/09, 8411200363.

Q. Inspection reports, IE Bulletins & correspondence

841130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-436/84-27 & 50-457/84-26 on 840907.
NOELIUS, C. E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 24X Fiche: 50-000, 84/10/16, 841130238.

--841130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, ... on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites.
SUERWANN, J. F. Region 3, Office of Director. 84/10/12. 5pp. 24X Fiche: 50-000, 84/10/16, 841130238.

841160154 Forwards Insp Repts 50-373/84-24 & 50-374/84-31 on 840918-20. No noncompliance noted.
GREGG, L. R. Region 3, Office of Director. 84/10/24. REED, C. Commonwealth Edison Co. 2pp. 27545:323. 24X Fiche: 50-373, 84/10/24, 841160154.

--841160166 Insp Repts 50-373/84-24 & 50-374/84-31 on 840918-20. No violations or deviations noted. Major areas inspected: implementation of 10CFR20 & 10CFR61 requirements for disposal of low level radwastes.
BESTMANN, M. J., SCHUMACHER, M. C. Region 3, Office of Director. 84/10/23. 5pp. 27545:325. 24X Fiche: 50-373, 84/10/24, 841160154.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

841160128 Forwards Insp Repts 50-373/83-52 & 50-374/83-55 on 831108-841022 & notice of violation.
KEPPLER, J. G. Region 3, Office of Director. 84/10/26. O'CONNOR, J. J. Commonwealth Edison Co. 3pp. 27544:308. 24X Fiche: 50-373, 84/10/26, 841160128.

--841160135 Notice of violation from insp on 831108-841022.
KEPPLER, J. G. Region 3, Office of Director. 84/10/25. 2pp. 27544:311. 24X Fiche: 50-373, 84/10/26, 841160128.

--841160145 Insp Repts 50-373/83-52 & 50-374/83-55 on 831108-841022. Violation noted: failure to assure that containment isolation valves conformed to FSAR requirement that valves not reposition upon resetting of ESF actuation signal.
LANESBURY, R. D., RING, M. A. Region 3, Office of Director. 84/10/25. 5pp. 27544:313. 24X Fiche: 50-373, 84/10/26, 841160128.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411290654 Forwards Insp Repts 50-373/84-18 & 50-374/84-24 on 841009-11. No noncompliance noted. List of exercise weaknesses encl.
GREGG, L. R. Region 3, Office of Director. 84/11/07. REED, C. Commonwealth Edison Co. 3pp. 27701:133. 24X Fiche: 50-373, 84/11/07, 8411290654.

--8411290659 Insp Repts 50-373/84-18 & 50-374/84-24 on 841009-11. No noncompliance or deviations noted. Major areas inspected: emergency preparedness exercise involving observations of key functions & locations during exercise.
PLOSKEI, T., SMITH, M., SNELL, W. Region 3, Office of Director. 84/11/07. 19pp. 27701:136. 24X Fiche: 50-373, 84/11/07, 8411290654.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411290369 Ack receipt of 841102 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-373/84-28 & 50-374/84-36.
NOELIUS, C. E. Region 3, Office of Director. 84/11/16. REED, C. Commonwealth Edison Co. 1p. 27721:288. 24X Fiche: 50-373, 84/11/16, 8411290369.

--8411290378 Responds to NRC 841004 ltr re violations noted in Insp Repts 50-373/84-28 & 50-374/84-36. Corrective actions: limiting condition for operation time clock control completely revised.
FARRAR, D. L. Commonwealth Edison Co. 84/11/02. KEPPLER, J. G. Region 3, Office of Director. 9pp. 27721:289. 24X Fiche: 50-373, 84/11/16, 8411290369.

DOCKETED ITEMS

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411140455 Monthly operating repts for Sept 1984. W/841010 ltr.
DUS, R.S., DIEDERICH, G.J. Commonwealth Edison Co. 84/09/30. 28pp. 27494:104. 24X Fiche: 50-373, 84/09/30, 8411140455.

S. Reportable occurrences, LERs & related correspondence

8411190216 LER 84-070-00 on 841009, high radiation area door 12B left unsecured. Caused by contractor employee not securing door when exiting. Contractor employee counseled & training re access procedures held. W/841031 ltr.
ALDRICH, L.R., DIEDERICH, G.J. Commonwealth Edison Co. 84/10/31. 4pp. 27567:136. 24X Fiche: 50-374, 84/10/31, 8411190216.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411260400 Part 21 rept re HEXCEL/MCI pipe restraints found w/average dynamic crush strength values below acceptable values. Initially reported on 841101. Replacement program in progress.
PRESTON, R.S. Hexcel Corp. 84/11/08. MARTIN, J.B. Region 5, Office of Director. 3pp. 27611:235. 24X Fiche: 50-000, 84/11/08, 8411260400.

8411270285 PND-III-84-099 on 841121, Div I & II 250-volt dc batteries inoperable. Caused by inadequate seismic supports. Gap between battery & supports reduced to analyzed range by placing plywood sheets in gaps as recommended by Gould, Inc.
CHRISTODIMOS, N., SHAFER, W. Region 3, Office of Director. 84/11/21. 1p. 27635:236. 24X Fiche: 50-374, 84/11/21, 8411270285.

DOCKET 50-382 WATERFORD GENERATING STATION, UNIT 3

A. Application/construction stage documents & correspondence

8411140205 Notification of 841030 meeting w/util in Bethesda, MD to followup 840925-27 site masonry wall audit.
WILSON, J.H. Licensing Branch 3. 84/10/24. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27528:331. 24X Fiche: 50-382, 84/10/24, 8411140205.

8411020284 Forwards safety reviews of plant sys re fuel loading & precriticality post-core load hot functional testing, criticality, low power testing & full-power operation per application for DL.
CAIN, J.M. Louisiana Power & Light Co. 84/10/31. EISENHUT, D.G. Division of Licensing. 100pp. 27253:093. 24X Fiche: 50-382, 84/10/31, 8411020284.

8411020297 Forwards revised program plan in response to Issues 1, 6, 10 & 20 & suppl to Issue 13 of NRC 840613 ltr. Addl info will be submitted by 841121.
CAIN, J.M. Louisiana Power & Light Co. 84/10/31. EISENHUT, D.G. Division of Licensing. 173pp. 27252:274. 24X Fiche: 50-382, 84/10/31, 8411020297.

8411050109 Submits interim rept on validation activities of util responses to issues re support of fuel load & startup activities through completion of precritical testing, identified in NRC 840613 ltr.
FERGUSON, R.L., HUMPHREYS, L.L. NUS Corp. 84/10/31. CAIN, J.M. Louisiana Power & Light Co. 3pp. 27302:357. 24X Fiche: 50-382, 84/10/31, 8411050109.

8411200476 Notification of 841107 meeting w/util in Bethesda, MD to discuss process control program for solidification of liquid radwaste.
WILSON, J.H. Licensing Branch 3. 84/10/31. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27598:168. 24X Fiche: 50-382, 84/10/31, 8411200476.

8411050274 Forwards proprietary resumes of key quality team personnel. W/affidavit. Encl withheld (ref 10CFR2.790).
COOK, K.W. Louisiana Power & Light Co. 84/11/01. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27312:092. 24X Fiche: 50-382, 84/11/01, 8411050274.

8411130661 Notification of 841108 meeting w/C-E & utils in Bethesda, MD to discuss long-term improvement project on core protection calculators.
LEE, R.S. Operating Reactors Branch 3. 84/11/01. MILLER, J.R. Operating Reactors Branch 3. 3pp. 27471:313. 24X Fiche: 50-000, 84/11/01, 8411130661.

8411060270 Submits evaluation of explosion hazards of existing & proposed natural gas pipelines. Potential hazards less than events analyzed in FSAR Section 2.2 & Questions 311.1 & 311.2.
COOK, K.W. Louisiana Power & Light Co. 84/11/02. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27324:020. 24X Fiche: 50-382, 84/11/02, 8411060270.

8411090215 Requests exemption from 10CFR50, App J requirements re leak testing of containment air locks. Evaluation & info supporting exemption request encl.
COOK, K.W. Louisiana Power & Light Co. 84/11/06. EISENHUT, D.G. Division of Licensing. 5pp. 27398:149. 24X Fiche: 50-382, 84/11/06, 8411090215.

8411160281 Submits clarification & exception to 830706 position on Rev 2 to Reg Guide 1.97 re control room indication. Monitoring of respective variables by plant computer acceptable.
COOK, K.W. Louisiana Power & Light Co. 84/11/06. KNIGHTON, G.W. Licensing Branch 3. 4pp. 27537:275. 24X Fiche: 50-382, 84/11/06, 8411160281.

8411120110 Forwards suppl to addl info re basemat hairline cracks. Muenow & Assoc, Inc performed ultrasonic testing of interface between top of basemat & bottom fill concrete. Test confirms sonic energy not penetrating fill concrete.
COOK, K.W. Louisiana Power & Light Co. 84/11/07. CRUTCHFIELD, D. Assistant Director for Safety Assessment. 7pp. 27429:207. 24X Fiche: 50-382, 84/11/07, 8411120110.

8411120130 Forwards "Masonry Block Walls, Const Appraisal Team Item 6.2/6.3," providing addl info re design adequacy review & as-built conditions of walls, per 841030 meeting.
COOK, K.W. Louisiana Power & Light Co. 84/11/08. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27430:173. 24X Fiche: 50-382, 84/11/08, 8411120130.

--8411120136 "Masonry Block Walls, Const Appraisal Team Item 6.2/6.3." Louisiana Power & Light Co. 84/11/07. 385pp. 27430:175. 24X Fiche: 50-382, 84/11/08, 8411120130.

8411140005 Forwards util 841107 ltrs forwarding Rev 1 to "Summary Evaluation Structural Significance of Basemat NDT Results" & NDT evaluation of basemat concrete. Related correspondence.
COOK, K.W. Shaw, Pittman, Potts & Trowbridge. #484 090. 84/11/09. KOHL, C.N., WILBER, H.A., JOHNSON, W.R. Atomic Safety and Licensing Appeal Panel. 39pp. 27464:143. 24X Fiche: 50-382, 84/11/09, 8411140005.

8411140248 Provides closure for open punchlist items identified in 841018 ltr submitting updated version of 841017 index of qualification status/punchlist items. All qualification status/punchlist items complete.
COOK, K.W. Louisiana Power & Light Co. 84/11/12. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27468:250. 24X Fiche: 50-382, 84/11/12, 8411140248.

8411260357 Submits clarification of deviation from Rev 2 to Reg Guide 1.97 re post-accident instrumentation. Commitment to install equipment consistent w/reg guide or justification to maintain present equipment will be provided.
COOK, K.W. Louisiana Power & Light Co. 84/11/21. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27609:178. 24X Fiche: 50-382, 84/11/21, 8411260357.

8411260388 Submits revised responses, supplementing Issues 6, 7, 19 & 20 & assessment of collective significance. Rev to Issue 6 provided per JH CAIN 841031 ltr to DG Eisenhut. Remaining revs reflect info developed since first submittal.
CAIN, J.M. Louisiana Power & Light Co. 84/11/21. EISENHUT, D.G. Division of Licensing. 183pp. 27610:110. 24X Fiche: 50-382, 84/11/21, 8411260388.

8411260394 Forwards marked-up FSAR Page 8.3-31 reflecting static uninterruptible power supply change on frequency regulation & C-E documentation to justify rev.
COOK, K.W. Louisiana Power & Light Co. 84/11/21. KNIGHTON, G.W. Licensing Branch 3. 5pp. 27610:105. 24X Fiche: 50-382, 84/11/21, 8411260394.

DOCKETED ITEMS

215

8411260405 Forwards proprietary Rev 3 to STD-P-04-002 & Rev A to FI-013 & nonproprietary Rev 0 to Procedure RW-1-210 re radwaste solidification process control program. Proprietary procedures withheld (ref 10CFR2.790).
COOK, K.W. Louisiana Power & Light Co. 84/11/21. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27612:293. 24X Fiche: 50-382, 84/11/21, 8411260405.

--8411260409 Rev 0 to Administrative Procedure RW-1-210, "Process Control Program."
* Louisiana Power & Light Co. 84/11/09. 16pp. 27612:296. 24X Fiche: 50-382, 84/11/21, 8411260409.

8411290104 Requests certification of pollution control facilities, including spent fuel handling facilities, demineralized water waste treatment sys, addition to liquid radwaste treatment sys & addl radwaste treatment facilities.
COOK, K.W. Louisiana Power & Light Co. 84/11/27. CASE, E.O. Office of Nuclear Reactor Regulation, Director 3pp. 27679:258. 24X Fiche: 50-382, 84/11/27, 8411290104.

F. Security, medical, emergency & fire protection plans

8411200457 Notification of 841029 meeting w/util in Bethesda, MD to discuss status & schedule for associated circuits & spurious signal analysis for fire protection.
WILSON, J.H. Licensing Branch 3. 84/10/24. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27598:059. 24X Fiche: 50-382, 84/10/24, 8411200457.

841120096 Forwards FEMA rept for joint exercise conducted 840208. No Category A deficiencies identified. Category B deficiencies identified for State of LA to correct in timely manner. W/O encl.
GAGLIARDO, J.E. Region 4, Office of Director. 84/10/25. LEDDICK, R.S. Louisiana Power & Light Co. 1p. 27436:061. 24X Fiche: 50-382, 84/10/25, 841120096.

8411020277 Forwards nonproprietary & proprietary revised emergency plan implementing procedures, including EP-1-001 re recognition & classification of emergency conditions & EP-1-010 re unusual event. Proprietary version withheld.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27254:009. 24X Fiche: 50-382, 84/10/31, 8411020277.

--8411020280 Nonproprietary revised emergency plan implementing procedures, including EP-1-001 re recognition & classification of emergency conditions & EP-1-010 re unusual event.
* Louisiana Power & Light Co. 84/10/31. 250pp. 27254:012. 24X Fiche: 50-382, 84/10/31, 8411020277.

8411070114 Forwards Insp Rept 50-382/84-40 on 840827-31. No violations or deviations noted.
GAGLIARDO, J.E. Region 4, Office of Director. 84/11/01. LEDDICK, R.S. Louisiana Power & Light Co. 2pp. 27368:323. 24X Fiche: 50-382, 84/11/01, 8411070114.

--8411070119 Insp Rept 50-382/84-40 on 840827-31. No violations or deviations noted. Major areas inspected: action taken on previously identified insp findings in fire protection & prevention.
MURPHY, M.E. IRELAND, R.E., CROSSMAN, W.A. Region 4, Office of Director. 84/10/11. 5pp. 27368:325. 24X Fiche: 50-382, 84/11/01, 8411070114.

8411090098 Informs that procedures generation package changes incorporated into emergency operating procedure, verification/validation complete & procedures approved for implementation. Licensed operator training also complete.
COOK, K.W. Louisiana Power & Light Co. 84/11/06. KNIGHTON, G.W. Licensing Branch 3. 1p. 27398:303. 24X Fiche: 50-382, 84/11/06, 8411090098.

8411090179 Responds to 840806 request for addl info re safety parameter display sys. Responses based upon present sys configuration. Sys expected to evolve to meet operator needs.
COOK, K.W. Louisiana Power & Light Co. 84/11/06. KNIGHTON, G.W. Licensing Branch 3. 5pp. 27398:210. 24X Fiche: 50-382, 84/11/06, 8411090179.

841130109 Revised emergency plan implementing procedures, including EP-2-010 re notification & communication, EP-2-030 re offsite dose assessment (manual) & EP-2-060 re radiological field monitoring. W/841108 ltr.
COOK, K.W. Louisiana Power & Light Co. 84/11/08. KNIGHTON, G.W. Licensing Branch 3. 219pp. 27439:147. 24X Fiche: 50-382, 84/11/08, 841130109.

G. Adjudicatory correspondence

8411020047 Forwards responses to ASLAB request for addl info re Joint Intervenor's pending motion to reopen proceedings on basemat & backfill issues. Related correspondence.
CHURCHILL, B.W. Shaw, Pittman, Potts & Trowbridge. CHURCHILL, B.W. Louisiana Power & Light Co. #484 853. 84/10/29. KOHL, C.N., JOHNSON, W.R., WILBER, H.A. Atomic Safety and Licensing Board Panel. 662pp. 27257:272. 24X Fiche: 50-382, 84/10/29, 8411020047.

8411060402 Order confirming & granting extension of time until 841114 for Joint Intervenor's to file comments on Harstead matter. Served on 841105.
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #484 897. 84/11/01. 1p. 27320:237. 24X Fiche: 50-382, 84/11/01, 8411060402.

8411060423 Forwards 841031 response to Issues 10 & 20 of staff 840613 ltr re qualifications of inspectors & test personnel for concrete & soil backfill. Applicant 841031 ltr confirming readiness for fuel loading encl. Related correspondence.
CHURCHILL, B.W. Shaw, Pittman, Potts & Trowbridge. CHURCHILL, B.W. Louisiana Power & Light Co. #484 915. 84/11/02. KOHL, C.N., JOHNSON, W.R., WILBER, H.A. Atomic Safety and Licensing Appeal Panel. 104pp. 27316:001. 24X Fiche: 50-382, 84/11/02, 8411060423.

8411060592 Ack receipt of JA Fitzgerald 841019 memorandum indicating DOJ decision not to prosecute G Harstead for possible violations of federal conflict of interest regulations. Requests info if NRC contemplating actions.
KOHL, C.N., WILBER, H.A. Atomic Safety and Licensing Appeal Panel. #484 967. 84/11/02. PLAINE, H.H. Office of the General Counsel. 1p. 27326:302. 24X Fiche: 50-382, 84/11/02, 8411060592.

841130232 Motion for protective order to shield identity of individuals who signed affidavits providing portion of basis for Joint Intervenor's 841107 motion to reopen record on GA breakdown at plant.
BERNABEI, L. Government Accountability Project. #484 071. 84/11/06. Atomic Safety and Licensing Appeal Panel. 5pp. 27440:006. 24X Fiche: 50-382, 84/11/06, 841130232.

--841130236 Affidavit of TM Devine re desire of three witnesses who signed affidavits to keep identities confidential.
DEVINE, T.M. Government Accountability Project. 84/11/05. 8pp. 27440:011. 24X Fiche: 50-382, 84/11/06, 841130232.

--841130242 Motion to reopen record & admit three contentions for litigation re applicant GA breakdown & lack of character & competence to operate plant. Svc list encl.
BERNABEI, L. Joint Intervenor's - Waterford. BERNABEI, L. Government Accountability Project. 84/11/07. Atomic Safety and Licensing Appeal Panel. 64pp. 27440:019. 24X Fiche: 50-382, 84/11/06, 841130232.

841140005 Forwards util 841107 ltrs forwarding Rev 1 to "Summary Evaluation Structural Significance of Basemat NDT Results" & NDT evaluation of basemat concrete. Related correspondence.
COOK, K.W. Shaw, Pittman, Potts & Trowbridge. #484 090. 84/11/09. KOHL, C.N., WILBER, H.A., JOHNSON, W.R. Atomic Safety and Licensing Appeal Panel. 39pp. 27464:143. 24X Fiche: 50-382, 84/11/09, 841140005.

841190573 Notice of appearance in proceeding.
BERNABEI, L. Government Accountability Project. #484 178. 84/11/09. 1p. 27549:248. 24X Fiche: 50-382, 84/11/09, 841190573.

841140474 Ack that counsel served w/Joint Intervenor motion to reopen & accompanying exhibits on 841109 instead of 841108 as stated in Certificate of Svc. Addl 5 days granted to respond. Related correspondence.
BERNABEI, L. Government Accountability Project. #484 123. 84/11/11. CHURCHILL, B. Shaw, Pittman, Potts & Trowbridge. 1p. 27491:013. 24X Fiche: 50-382, 84/11/11, 841140474.

841150283 Motion for extension of time until 841217 for staff to respond to ASLAB 841002 memorandum & order. Served on 841114. Granted for ASLAB by CJ Shoemaker on 841114.
* Office of the Executive Legal Director. #484 131. 84/11/13. Atomic Safety and Licensing Appeal Panel. 1p. 27528:109. 24X Fiche: 50-382, 84/11/13, 841150283.

841190001 Motion for extension of time until 841217 to respond to ASLAB Memorandum & Order ALAB-786. Extension needed to review applicant delayed response to staff 841019 request for addl info. Certificate of Svc encl.
TURK, S.E. Hearing Branch 3. #484 175. 84/11/13. Atomic Safety and Licensing Appeal Panel. 6pp. 27555:282. 24X Fiche: 50-382, 84/11/13, 841190001.

DOCKETED ITEMS

841150297 Order denying Joint Intervenor 841113 request for extension of time to respond to ASLAB request for views concerning Harstead issue. Served on 841115.
SHOEMAKER, C. J. Atomic Safety and Licensing Board Panel. #484 128.
84/11/14. Joint Intervenor - Waterford. 2pp. 27528:121. 24X
Fiche: 50-382, 84/11/14, 841150297.

841150300 Comments on 841003 order re G Harstead conflict of interest w/ respect to studies conducted on basemat. Truly independent study on basemat requested.
BERNABEI, L. Save Our Wetlands, Inc. BERNABEI, L. Oystershell Alliance, Inc. BERNABEI, L. Government Accountability Project. #484 129.
84/11/14. Atomic Safety and Licensing Appeal Panel. 2pp. 27528:123. 24X Fiche: 50-382, 84/11/14, 841150300.

841190119 Response to ASLAB 841003 order. G Harstead possible violation of 18USC203, 205 & 10CFR 735-23 re conflict of interest unlikely to affect ASLAB deliberations in proceeding.
Certificate of Svc encl.
TURK, S. E. Hearing Branch 3. #484 176. 84/11/14. 9pp. 27555:051.
24X Fiche: 50-382, 84/11/14, 841190119.

841190410 Comments in response to ASLAB 841003 order. Repts & expert analysis given to basemat issues confirm prof unbiased nature of Harstead Engineering Assoc submissions to ASLAB.
Certificate of Svc & svc list encl.
CHURCHILL, B. W. Louisiana Power & Light Co. CHURCHILL, B. W. Shaw, Pittman, Potts & Trowbridge. #484 158. 84/11/14. 19pp. 27551:174.
24X Fiche: 50-382, 84/11/14, 841190410.

8411200289 Motion for extension of time to 841130 for filing answers to Joint Intervenor 841108 motions due to vol of matl & Thanksgiving holiday. Certificate of Svc encl.
CHURCHILL, B. W. Louisiana Power & Light Co. CHURCHILL, B. W. Shaw, Pittman, Potts & Trowbridge. #484 182. 84/11/16. Atomic Safety and Licensing Appeal Panel. 5pp. 27573:088. 24X
Fiche: 50-382, 84/11/16, 8411200289.

8411210482 Order extending time until 841205 to respond to Joint Intervenor 841108 motion review to reopen records on three new issues & motion for protective order. Served on 841121.
SHOEMAKER, C. J. Atomic Safety and Licensing Appeal Panel. #484 254.
84/11/20. Louisiana Power & Light Co. 2pp. 27600:129. 24X
Fiche: 50-382, 84/11/20, 8411210482.

8411270215 Advises that time for Commission to review ALAB-7B6 expired. Commission declined review. Decision became final agency action on 841113. Served on 841120.
CHILK, S. J. Office of the Secretary of the Commission. #484 244.
84/11/20. Atomic Safety and Licensing Board Panel. 1p.
27629:098. 24X Fiche: 50-382, 84/11/20, 8411270215.

H. General correspondence

841190406 Requests that carbon copy distribution list for addl future correspondence from Region IV to util be revised as stated.
COOK, K. W. Louisiana Power & Light Co. 84/10/25. COLLINS, J. T. Region 4, Office of Director. 1p. 27551:167. 24X
Fiche: 50-382, 84/10/25, 841190406.

8411050145 Forwards nuclear operations organization change. Changes will be reflected in future amend to FSAR.
COOK, K. W. Louisiana Power & Light Co. 84/10/31. KNIGHTON, G. W. Licensing Branch 3. 3pp. 27304:155. 24X Fiche: 50-382, 84/10/31, 8411050145.

G. Inspection reports, IE Bulletins & correspondence

841120043 Forwards Insp Rept 50-382/84-38 on 840820-24 & notice of violation.
GAQLIARDO, J. E. Region 4, Office of Director. 84/10/17.
LEDDICK, R. S. Louisiana Power & Light Co. 2pp. 27437:339. 24X
Fiche: 50-382, 84/10/17, 841120043.

--841120047 Notice of violation from insp on 840820-24.
* Region 4, Office of Director. 84/10/17. 1p. 27437:341. 24X
Fiche: 50-382, 84/10/17, 841120043.

--841120051 Insp Rept 50-382/84-38 on 840820-24. Violation noted: Form NRC-3 not posted nor readily observable near avenues of ingress & egress to & from control room & ofcs within reactor power block.
CHANEY, H. D., MURRAY, B., CROSSMAN, W. A. Region 4, Office of Director. 84/10/01. 7pp. 27437:342. 24X Fiche: 50-382, 84/10/17, 841120043.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411070166 Forwards Vols A-F to preservice insp rept conducted during Jan 1982 - Oct 1983, per ASME Code Section XI, C-E vessel rept, eddy current exam rept & Class 1, 2 & 3 supports rept will be submitted when individual repts finalized.
COOK, K. W. Louisiana Power & Light Co. 84/10/30. KNIGHTON, G. W. Licensing Branch 3. 2pp. 27369:088. 24X Fiche: 50-382, 84/10/30, 8411070166.

--8411070168 Parts 1 & 2 of Vol A to preservice insp rept, "NIS-1 Introduction Results."
* Virginia Corp. of Richmond. 84/10/30. 972pp. 27369:090. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070169 Part 1 of Vol B to preservice insp rept, "Class 1 Data: Zones 1-8."
* Virginia Corp. of Richmond. 84/10/30. 357pp. 27371:342. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070171 Part 2 of Vol B to preservice insp rept, "Class 1 Data: Zones 9-12."
* Virginia Corp. of Richmond. 84/10/30. 380pp. 27372:339. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070175 Part 3 of Vol B to preservice insp report, "Class 1 Data: Zones 13-16."
* Virginia Corp. of Richmond. 84/10/30. 250pp. 27373:348. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070181 Part 4 of Vol B to preservice insp rept, "Class 1 Data: Zones 17-18."
* Virginia Corp. of Richmond. 84/10/30. 312pp. 27374:238. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070187 Part 5 of Vol B to preservice insp rept, "Class 1 Data: Zones 19-21."
* Virginia Corp. of Richmond. 84/10/30. 355pp. 27375:190. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070189 Part 6 of Vol B to preservice insp rept, "Class 1 Data: Zones 22-40."
* Virginia Corp. of Richmond. 84/10/30. 200pp. 27376:185. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070194 Part 7 of Vol B to preservice insp rept, "Class 2 Data: Zones 41-44."
* Virginia Corp. of Richmond. 84/10/30. 381pp. 27377:016. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070199 Part 8 of Vol B to preservice insp rept, "Class 2 Data: Zones 45-52."
* Virginia Corp. of Richmond. 84/10/30. 400pp. 27378:037. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070200 Part 9 of Vol B to preservice insp rept, "Class 2 Data: Zones 53-65."
* Virginia Corp. of Richmond. 84/10/30. 385pp. 27379:089. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070203 Vol C to preservice insp rept, "Program Plan."
* Virginia Corp. of Richmond. 84/10/30. 393pp. 27380:114. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070204 Vol D to preservice insp rept, "Procedures."
* Virginia Corp. of Richmond. 84/10/30. 396pp. 27381:147. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070205 Vol E to preservice insp rept, "Certifications."
* Virginia Corp. of Richmond. 84/10/30. 383pp. 27382:183. 24X
Fiche: 50-382, 84/10/30, 8411070166.

--8411070206 Vol F to preservice insp rept, "Data Ref - Other Sources Errata Conclusions/Recommendations."
* Virginia Corp. of Richmond. 84/10/30. 41pp. 27383:206. 24X
Fiche: 50-382, 84/10/30, 8411070166.

8411070114 Forwards Insp Rept 50-382/84-40 on 840827-31. No violations or deviations noted.
GAQLIARDO, J. E. Region 4, Office of Director. 84/11/01.
LEDDICK, R. S. Louisiana Power & Light Co. 2pp. 27368:323. 24X
Fiche: 50-382, 84/11/01, 8411070114.

--8411070119 Insp Rept 50-382/84-40 on 840827-31. No violations or deviations noted. Major areas inspected: action taken on previously identified insp findings in fire protection & prevention.
MURPHY, M. E., IRELAND, R. E., CROSSMAN, W. A. Region 4, Office of Director. 84/10/11. 5pp. 27368:325. 24X Fiche: 50-382, 84/11/01, 8411070114.

DOCKETED ITEMS

217

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411070125 Forwards Insp Rept 50-382/84-39 during Jul-Aug 1984 & notice of violation.
GAGLIARDO, J.E. Region 4, Office of Director. 84/11/02.
LEDDRICK, R.S. Louisiana Power & Light Co. 2pp. 27356:161. 24X Fiche: 50-382, 84/11/02, 8411070125.

--8411070128 Notice of violation from insp during Jul-Aug 1984.
* Region 4, Office of Director. 84/11/02. 2pp. 27356:163. 24X Fiche: 50-382, 84/11/02, 8411070125.

--8411070133 Insp Rept 50-382/84-39 during Jul-Aug 1984. Violations noted: failure to follow procedures, failure to ensure operability of safeguards sys & failure to take adequate corrective action to preclude repetition.
CONSTABLE, G.L., FLIPPO, T.A., WHITTLESEY, K.A. Region 4, Office of Director. 84/10/29. 8pp. 27356:165. 24X Fiche: 50-382, 84/11/02, 8411070125.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

S. Reportable occurrences, LERs & related correspondence

8411060168 Forwards Engineering Evaluation Rept AEOB/E421, "Loss of Pressurizer Heaters During Pre-Core Hot Functional Testing." for review.
CINTULA, T.C. Reactor Operations Analysis Branch. 84/08/27.
SEYFRIT, K.V. Reactor Operations Analysis Branch. 1p. 27349:355. 24X Fiche: 50-382, 84/08/27, 8411060168.

--8411060176 "Loss of Pressurizer Heaters During Pre-Core Hot Functional Testing." engineering evaluation rept.
* Reactor Operations Analysis Branch. 84/08/27. 6pp. 27349:356. 24X Fiche: 50-382, 84/08/27, 8411060168.

8411020286 Interim Potentially Reportable Deficiency Rept 179 re welding program defects. Initially reported on 840907. Evaluation of documentation on 75 welds started to determine if rework necessary. Next rept expected by 841031.
COOK, K.W. Louisiana Power & Light Co. 84/10/17. COLLINS, J.T. Region 4, Office of Director. 3pp. 27253:090. 24X Fiche: 50-382, 84/10/17, 8411020286.

8411130292 Interim rept of Significant Const Deficiency 118 re protection sys/monitoring computer interface. Initially reported on 840928. Plug-in connectors disconnected, tagged & logged for five setpoint signals.
COOK, K.W. Louisiana Power & Light Co. 84/10/17. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27459:312. 24X Fiche: 50-382, 84/10/17, 8411130292.

8411020233 Significant Const Deficiency Rept 117 re limit switch & motor space heaters. Corrective action verification not finalized. Next rept will be submitted by 841024.
COOK, K.W. Louisiana Power & Light Co. 84/10/19. COLLINS, J.T. Region 4, Office of Director. 2pp. 27255:115. 24X Fiche: 50-382, 84/10/19, 8411020233.

841130003 Final Significant Const Deficiency Rept SCD-60 re turnover documentation & inadequate hanger weld problems. Tompkins-Beckwith hanger engineering personnel & QA inspectors retrained w/emphasis on field insp.
COOK, K.W. Louisiana Power & Light Co. 84/10/24. COLLINS, J.T. Region 4, Office of Director. 4pp. 27460:357. 24X Fiche: 50-382, 84/10/24, 841130003.

841130697 Final rept of Significant Const Deficiency 114 re damage to safety-related equipment due to water hammers. Defective check valve within hydraulic operator for SI405A repaired & satisfactorily tested.
COOK, K.W. Louisiana Power & Light Co. 84/10/26. COLLINS, J.T. Region 4, Office of Director. 4pp. 27461:206. 24X Fiche: 50-382, 84/10/26, 841130697.

841140550 Final rept, Rev 1, on Significant Const Deficiency 84 re tube track welding. Reevaluation performed by Ebasco Engineering to establish max stress levels expected to exist at tube track welded connections.
COOK, K.W. Louisiana Power & Light Co. 84/10/26. COLLINS, J.T. Region 4, Office of Director. 3pp. 27495:254. 24X Fiche: 50-382, 84/10/26, 841140550.

8411200341 Notification of 841102 meeting w/util, Ebasco & BNL in Bethesda, MD to discuss Memow & Ebasco repts re cracking of common foundation basement.
WILSON, J.H. Licensing Branch 3. 84/10/29. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27597:330. 24X Fiche: 50-382, 84/10/29, 8411200341.

841160010 Final Significant Const Deficiency Rept SCD-108 re failure to comply w/FSAR safe shutdown commitment. Initially reported on 840928. Mods to protect essential cables from effects of cable vault fire complete.
COOK, K.W. Louisiana Power & Light Co. 84/10/30. COLLINS, J.T. Region 4, Office of Director. 4pp. 27544:063. 24X Fiche: 50-382, 84/10/30, 841160010.

841160055 Interim rept of Significant Const Deficiency 112 re transmittal of design changes w/o issuance of appropriate design document. Initially reported on 840921. Documents under review. Next rept will be submitted by 841115.
COOK, K.W. Louisiana Power & Light Co. 84/10/30. COLLINS, J.T. Region 4, Office of Director. 3pp. 27544:117. 24X Fiche: 50-382, 84/10/30, 841160055.

841130565 Final rept of Significant Const Deficiency 117 re Limitorque limit switch & motor space heaters not qualified to IEEE-323 & 344 criteria. Space heaters disconnected from Class 1E power supply.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J.T. Region 4, Office of Director. 3pp. 27462:195. 24X Fiche: 50-382, 84/10/31, 841130565.

841130634 Final rept of Significant Const Deficiency 116 re failure of static uninterruptible power supply inverters. All capacitor replaced. Maint procedures revised & approved.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J.T. Region 4, Office of Director. 3pp. 27461:360. 24X Fiche: 50-382, 84/10/31, 841130634.

841130647 Revised final rept of Significant Const Deficiency 57 re inadequate instrumentation & control installations & turnover documentation. Review of issue resolutions against final rept complete. No mods necessary.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J.T. Region 4, Office of Director. 4pp. 27461:131. 24X Fiche: 50-382, 84/10/31, 841130647.

841130654 Interim rept of Significant Const Deficiency 37 re resistance temp detector failure. Post-core hot functional testing continuing. Final rept will be submitted upon completion of testing, currently planned for early Dec.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J.T. Region 4, Office of Director. 3pp. 27461:161. 24X Fiche: 50-382, 84/10/31, 841130654.

841140043 Revised final rept on Significant Const Deficiency 101 re traceability of stainless steel instrumentation tubing. All tubing tested found to have wall thickness greater than .065 inches.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J.T. Region 4, Office of Director. 2pp. 27493:284. 24X Fiche: 50-382, 84/10/31, 841140043.

841140055 Revised final rept on Significant Const Deficiency 105 re electrical separation. Walkdowns & surveillances conducted. Restructuring of walkdown program warranted. Minor mod to raceways & installation of cable tray covers completed.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J.T. Region 4, Office of Director. 6pp. 27492:354. 24X Fiche: 50-382, 84/10/31, 841140055.

DOCKETED ITEMS

8411140085 Interim rept of Significant Const Deficiency 80 re unsatisfactory stroking of emergency feedwater pump turbine steam supply shutoff valves. Motor operators installed. Retesting of valves planned. Next rept by Dec.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J. T. Region 4, Office of Director. 3pp. 27493:349. 24X
Fiche: 50-382, 84/10/31, 8411140085.

8411140206 Revised final rept of Significant Const Deficiency 61 re linear crack in stainless steel tubing. Review of issue resolution against final rept complete. No mods needed.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J. T. Region 4, Office of Director. 3pp. 27493:316. 24X
Fiche: 50-382, 84/10/31, 8411140206.

8411140336 Final Significant Const Deficiency Rept 118 re failure to meet plant protection sys (PPS)/plant monitoring computer interface design criteria. Initially reported on 840928 PPS analog setpoint signal cables disconnected from computer.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J. T. Region 4, Office of Director. 2pp. 27491:240. 24X
Fiche: 50-382, 84/10/31, 8411140336.

8411140515 Final rept of Significant Const Deficiency 90 re overstressed electrical conduit. Revised design criteria based on analysis issued. Items remaining in balance of plant will be completed by 841103.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J. T. Region 4, Office of Director. 4pp. 27495:293. 24X
Fiche: 50-382, 84/10/31, 8411140515.

8411140522 Interim rept of Significant Const Deficiency 93 re charging & letdown containment isolation valves. Valve replaced w/new seats. Further testing recommended to verify proper valve operation. Next rept will be submitted by Dec 1984.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J. T. Region 4, Office of Director. 3pp. 27495:187. 24X
Fiche: 50-382, 84/10/31, 8411140522.

8411140529 Final rept of Significant Const Deficiency 78 re American Bridge structural steel. Reinsp of connections in steam generator framing performed scope of American Bridge work reviewed & review of existing documentation performed.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J. T. Region 4, Office of Director. 4pp. 27495:208. 24X
Fiche: 50-382, 84/10/31, 8411140529.

8411140537 Interim rept of Potentially Reportable Deficiency 179 re welding program. Review & evaluation of welds ongoing. Next rept will be submitted by 841130.
COOK, K.W. Louisiana Power & Light Co. 84/10/31. COLLINS, J. T. Region 4, Office of Director. 1p. 27495:214. 24X
Fiche: 50-382, 84/10/31, 8411140537.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche: 50-000, 84/11/06, 8411190524.

8411090194 Forwards Rev 1 to "Summary Evaluation Structural Significance of Basemat NDT Results." Rept provides large-scale diagrams indicating location & depth of basemat hairline cracks.
COOK, K.W. Louisiana Power & Light Co. 84/11/07. CRUTCHFIELD, D. Assistant Director for Safety Assessment. 2pp. 27398:175. 24X
Fiche: 50-382, 84/11/07, 8411090194.

--8411090198 Rev 1 to "Summary Evaluation Structural Significance of Basemat NDT Results."
* Ebasco Services, Inc. (subs. of Enserch Corp.). 84/11/07. 29pp. 27398:177. 24X Fiche: 50-382, 84/11/07, 8411090194.

8411150135 Forwards Muenow & Assoc. Inc App 6, "Cross Sections Illustrating Most Probable Crack Depth & Orientation for Internal Discontinuities..." per NRC 841102 request for addl info re basemat hairline cracks.
Power & Light Co. 84/11/13. CRUTCHFIELD, D. Safety Assessment. 11pp. 27510:237. 24X
8411150135.

er understanding on design of GSPDS/PPS
sponse to questions raised during
inal Significant Const Deficiency

wer & Light Co. 84/11/14. KNIGHTON, G.W.
pp. 27539:058. 24X Fiche: 50-382, 84/11/14,

8411160375 Responds to 841108 questions re final Significant Const Deficiency Rept 118 concerning interface between plant protection sys & plant monitoring computer. Analog setpoint signals & startup configuration discussed.
COOK, K.W. Louisiana Power & Light Co. 84/11/14. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27537:197. 24X Fiche: 50-382, 84/11/14, 8411160375.

8411290563 Interim Potentially Reportable Deficiency Rept 180 re failure to maintain adequate document control of vendor manuals. Initially reported on 841019. Requests addl time to evaluate safety significance. Next rept by 841217.
COOK, K.W. Louisiana Power & Light Co. 84/11/20. COLLINS, J. T. Region 4, Office of Director. 1p. 27722:098. 24X
Fiche: 50-382, 84/11/20, 8411290563.

V. Operator Examinations

8411090098 Informs that procedures generation package changes incorporated into emergency operating procedure, verification/validation complete & procedures approved for implementation. Licensed operator training also complete.
COOK, K.W. Louisiana Power & Light Co. 84/11/06. KNIGHTON, G.W. Licensing Branch 3. 1p. 27398:303. 24X Fiche: 50-382, 84/11/06, 8411090098.

DOCKET 50-387 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

8411150346 Informs that M Campagnone will visit facility during wk of 841112 & requires escorted access to protected & vital areas.
NOVAK, T.M. Assistant Director for Licensing. 84/11/01. KENYON, B.D. Pennsylvania Power & Light Co. 1p. 27530:270. 24X
Fiche: 50-387, 84/11/01, 8411150346.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411140125 Rev 3 to Emergency Plan Implementing Procedure EP-IP-009, "Emergency Offsite Dose Calculations." W/841106 ltr.
HAQAN, D.L., KALTER, C.J., KENYON, B.D. Pennsylvania Power & Light Co. 84/11/06. 70pp. 27464:216. 24X Fiche: 50-387, 84/11/06, 8411140125.

8411280257 Informs that M Campagnone will visit facility during wk of 841112 & will need unescorted access to protected & vital areas.
NOVAK, T.M. Assistant Director for Licensing. 84/11/15. KENYON, B.D. Pennsylvania Power & Light Co. 1p. 27675:356. 24X
Fiche: 50-387, 84/11/15, 8411280257.

H. General correspondence

8411140375 Submits additions & corrections to svc list for facility. W Matson should be added to list. WE Barberich title should be corrected to manager of nuclear licensing.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/11/08. SCHWENCER, A. Licensing Branch 2. 1p. 27467:167. 24X Fiche: 50-387, 84/11/08, 8411140375.

P. Operating license stage documents & correspondence

8411020102 Forwards Amend 25 to License NPF-14 & safety evaluation. Amend changes Tech Spec 4.1.3.1.4 re scram discharge vol operability by clarifying intent to permit retest of scram discharge vol vent & drain valves.
SCHWENCER, A. Licensing Branch 2. 84/10/24. CURTIS, N.W. Pennsylvania Power & Light Co. 4pp. 27263:120. 24X
Fiche: 50-387, 84/10/24, 8411020102.

--8411020105 Amend 25 to License NPF-14, changing Tech Spec 4.1.3.1.4 re scram discharge vol operability by clarifying intent to permit retest of scram discharge vol vent & drain valves.
SCHWENCER, A. Licensing Branch 2. 84/10/24. 5pp. 27263:124. 24X
Fiche: 50-387, 84/10/24, 8411020102.

--8411020112 Safety evaluation supporting Amend 25 to License NPF-14.
* NRC - No Detailed Affiliation Given. 84/10/19. 2pp. 27263:129. 24X Fiche: 50-387, 84/10/24, 8411020102.

DOCKETED ITEMS

219

8411070302 Forwards 841023 ltr notifying Salem Township of permit application for Demolition Waste Disposal Site 2 in vicinity of intake structure on floodplain.
FIELDS, J.S. Pennsylvania Power & Light Co. 84/10/26.
LAMEREAUX, D.J. Pennsylvania, Commonwealth of. 3pp. 27388:315.
24X Fiche: 50-387, 84/10/26, 8411070302.

8411120084 Notices of util plans to discharge approx 1,000 gallons HX sample station cooling water through liquid radwaste sys into cooling tower blowdown line, per 841029 telcon.
FIELDS, J.S. Pennsylvania Power & Light Co. 84/10/29. KOVAL, P. J. Pennsylvania, Commonwealth of. 2pp. 27436:063. 24X Fiche: 50-387, 84/10/29, 8411120084.

8411050337 Requests closure of License Condition 2.C.(4)(b) which requires new stability analysis, in order to satisfy GDC 12. License condition does not include option to detect & suppress power oscillations.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/10/30. SCHWENCER, A. Licensing Branch 2. 2pp. 27300:349. 24X Fiche: 50-387, 84/10/30, 8411050337.

8411050404 Forwards application for Proposed Amend 53 to License NPF-14, adding ex-core neutron flux monitoring instrumentation to Tables 3.3.7.5-1 & 4.3.7.5-1 & excess flow check valve to Table 3.6.3-1. Fee paid.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/10/31. SCHWENCER, A. Licensing Branch 2. 2pp. 27300:232. 24X Fiche: 50-387, 84/10/31, 8411050404.

--8411050406 Application for Proposed Amend 53 to License NPF-14, adding ex-core neutron flux monitoring instrumentation to Tables 3.3.7.5-1 & 4.3.7.5-1 & excess flow check valve to Table 3.6.3-1, per Reg Guide 1.97.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/10/31. 1p. 27300:234. 24X Fiche: 50-387, 84/10/31, 8411050406.

--8411050407 Proposed Tech Specs, adding ex-core neutron flux monitoring instrumentation to Tables 3.3.7.5-1 & 4.3.7.5-1 & excess flow check valve to Table 3.6.3-1.
* Pennsylvania Power & Light Co. 84/10/31. 3pp. 27300:235. 24X Fiche: 50-387, 84/10/31, 8411050407.

8411120329 Forwards application for amend to License NPF-14, revising Tech Specs re MSIV closure setpoint to Level 1 to reduce number of challenges to safety-relief valves, per NUREG-0737, Item II.K.3.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/10/31. SCHWENCER, A. Licensing Branch 2. 3pp. 27425:002. 24X Fiche: 50-387, 84/10/31, 8411120329.

--8411120360 Application for amend to License NPF-14, revising Tech Specs re MSIV closure setpoint level, per NUREG-0737, Item II.K.3. Fee paid.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/10/31. 1p. 27425:005. 24X Fiche: 50-387, 84/10/31, 8411120329.

--8411120367 Proposed Tech Specs, revising MSIV closure setpoint to Level 1 to reduce number of challenges to safety-relief valves, per NUREG-0737, Item II.K.3.
* Pennsylvania Power & Light Co. 84/10/31. 6pp. 27425:006. 24X Fiche: 50-387, 84/10/31, 8411120329.

8411200076 Forwards safety evaluation of fifth diesel generator qualification test in conjunction w/300 start test generic qualification study. Justification acceptable. Periodic testing still required.
SCHWENCER, A. Licensing Branch 2. 84/11/08. CURTIS, N.W. Pennsylvania Power & Light Co. 2pp. 27598:044. 24X Fiche: 50-387, 84/11/08, 8411200076.

--8411200080 Safety evaluation re fifth diesel generator qualification test.
* NRC - No Detailed Affiliation Given. 84/11/08. 2pp. 27598:046. 24X Fiche: 50-387, 84/11/08, 8411200076.

8411160477 Requests remittance of fees for NRC review of 840329 & 0909 applications for exemption from requirement of GDC 56 re instrument gas penetration & for amend to Licenses NPF-14 & NPF-22, deleting 300 start test, respectively.
DIGGS, R.M. License Fee Management Branch. 84/11/09. CURTIS, N.W. Pennsylvania Power & Light Co. 2pp. 27546:337. 24X Fiche: 50-387, 84/11/09, 8411160477.

8411190568 Provides addl info re NPDES Permit Application PA 0047325, in response to 841022 telcon questions. Info includes revised water use diagram as well as info updating permit application.
FIELDS, J.S. Pennsylvania Power & Light Co. 84/11/12. SWERDON, P. Pennsylvania, Commonwealth of. 4pp. 27549:236. 24X Fiche: 50-387, 84/11/12, 8411190568.

8411190540 Submits addl info re main steam line high radiation setpoint Tech Spec change. Status of proposed mod to condensate demineralizer sys & equipment outlined. Ltr fulfills all requests for info. Requests action on Tech Spec change.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/11/13. SCHWENCER, A. Licensing Branch 2. 3pp. 27550:001. 24X Fiche: 50-387, 84/11/13, 8411190540.

8411200259 Application for amend to License NPF-14, revising Tech Specs to support mods required to comply w/License Condition 2.C.(17)(b)(2). Approval requested prior to startup following first refuel outage. Fee paid.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/11/13. SCHWENCER, A. Licensing Branch 2. 2pp. 27576:275. 24X Fiche: 50-387, 84/11/13, 8411200259.

--8411200266 Proposed Tech Specs to support mods required to comply w/License Condition 2.C.(17)(b)(2).
* Pennsylvania Power & Light Co. 84/11/13. 8pp. 27576:277. 24X Fiche: 50-387, 84/11/13, 8411200259.

8411200311 Forwards application for demolition waste disposal site, Module 5, Phase I & II. W/one oversize drawing. Aperture card available in PDR.
FIELDS, J.S. Pennsylvania Power & Light Co. 84/11/14. LAMEREAUX, D.J. Pennsylvania, Commonwealth of. 14pp. 27569:001. 24X Fiche: 50-387, 84/11/14, 8411200311.

8411260096 Forwards Amend 26 to License NPF-14 & safety evaluation. Amend revises Tech Specs to modify temp limit for determining spray pond operable & includes requirements discussed in Generic Ltr 83-43.
SCHWENCER, A. Licensing Branch 2. 84/11/14. CURTIS, N.W. Pennsylvania Power & Light Co. 5pp. 27647:068. 24X Fiche: 50-387, 84/11/14, 8411260096.

--8411260103 Amend 26 to License NPF-14, revising Tech Specs to modify temp limit for determining spray pond operable & including special reporting requirements discussed in Generic Ltr 83-43.
SCHWENCER, A. Licensing Branch 2. 84/11/14. 79pp. 27647:073. 24X Fiche: 50-387, 84/11/14, 8411260096.

--8411260110 Safety evaluation supporting Amend 26 to License NPF-14.
* Office of Nuclear Reactor Regulation, Director. 84/11/14. 3pp. 27647:134. 24X Fiche: 50-387, 84/11/14, 8411260096.

8411290171 Informs that util will respond to NRC position on S Levy, Inc Rept SLI-8211, "Review of BWR Reactor Vessel Water Level Measurement Sys," by 850207.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/11/21. SCHWENCER, A. Licensing Branch 2. 1p. 27678:010. 24X Fiche: 50-387, 84/11/21, 8411290171.

8411290155 Forwards application to amend License NPF-14, revising Conditions 2.B.(1) & 2.B.(2) to be consistent w/Unit 2 license. Withdrawal of 830131 proposed Amend 18 to NPF-14 requested. Fee paid.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/11/26. SCHWENCER, A. Licensing Branch 2. 2pp. 27678:007. 24X Fiche: 50-387, 84/11/26, 8411290155.

--8411290162 Application for amend to License NPF-14, revising Conditions 2.B.(1) & 2.B.(2) to be consistent w/Unit 2 license.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/11/26. 1p. 27678:009. 24X Fiche: 50-387, 84/11/26, 8411290155.

G. Inspection reports, IE Bulletins & correspondence

8411120248 Forwards Investigation Rept 1-82-065 showing examples of falsification of records by Bechtel employees at site. Present & future Bechtel work should be adequately controlled & monitored & records kept accurate.
MURLEY, T.E. Region 1, Office of Director. 84/10/17. KENYON, B.D. Pennsylvania Power & Light Co. 2pp. 27437:148. 24X Fiche: 50-387, 84/10/17, 8411120248.

--8411120252 Investigation Rept 1-82-065 on 820719-1118. Allegations not substantiated. Major areas investigated: allegations of improper design, installation & testing of small bore pipe hangers.
CHRISTOPHER, R. Region 1, Office of Director. WARD, W., FORTUNO, R. Office of Investigation. 83/09/07. 4pp. 27437:150. 24X Fiche: 50-387, 84/10/17, 8411120248.

8411120260 Forwards IE Investigation Rept 1-82-065 showing examples of falsification of records by Bechtel employees at Susquehanna Unit 1. Util should assure that Bechtel activities at facilities adequately controlled & monitored.
MURLEY, T.E. Region 1, Office of Director. 84/10/17. KEMPER, J.S. Philadelphia Electric Co. 2pp. 27437:003. 24X Fiche: 50-000, 84/10/17, 8411120260.

DOCKETED ITEMS

8411130031 Forwards Investigation Rept 1-82-065 at Susquehanna Unit 1 on 820719-1118. No noncompliance noted. Since Bechtel is principal contractor at Hope Creek, investigation of possible falsification of records requested.
MURLEY, T.E. Region 1, Office of Director. 84/10/17. MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 3pp. 27460:343. 24X Fiche: 50-354, 84/10/17, 8411130031.

8411160190 Forwards Insp Repts 50-387/84-32 & 50-388/84-39 on 840904-07. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/24. KENYON, B.D. Pennsylvania Power & Light Co. 2pp. 27545:358. 24X Fiche: 50-387, 84/10/24, 8411160190.

--8411160199 Insp Repts 50-387/84-32 & 50-388/84-39 on 840904-07. No violations noted. Major areas inspected: civil/structural activities re const of new emergency diesel generator bldg & review of quality verification const records.
VARELA, A.A. Region 1, Office of Director. DURR, J.P. Division of Engineering & Technical Programs. 84/10/16. 3pp. 27545:360. 24X Fiche: 50-387, 84/10/24, 8411160190.

8411020232 Ack receipt of 841012 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-387/84-27.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/25. KENYON, B.D. Pennsylvania Power & Light Co. 2pp. 27255:113. 24X Fiche: 50-387, 84/10/25, 8411020232.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411150250 Forwards corrected Exam Repts 50-387/84-24 & 50-388/84-43 of exam administered during wk of 840730-0803.
GREENMAN, E.G. Division of Project & Resident Programs. 84/10/26. KENYON, B.D. Pennsylvania Power & Light Co. 2pp. 27529:152. 24X Fiche: 50-387, 84/10/26, 8411150250.

--8411150258 Corrected Exam Repts 50-387/84-24 & 50-388/84-43 administered on 840730-0380. Exam results: all candidates passed.
BERRY, J. Region 1, Office of Director. 84/10/19. 1p. 27529:154. 24X Fiche: 50-387, 84/10/26, 8411150250.

8411020248 Ack receipt of 840803 response to Enforcement Action 84-5. Routine insp showed improvement in plant operations execution of shift turnover, cognizance of control alarms & further refinement of control room operations.
STAROSTECKI, R. Region 1, Office of Director. 84/10/30. KENYON, B.D. Pennsylvania Power & Light Co. 2pp. 27255:056. 24X Fiche: 50-387, 84/10/30, 8411020248.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411290417 Forwards Insp Repts 50-387/84-26 & 50-388/84-33 on 840716-0914. No violation noted. Ack receipt of 840817 ltr in response to NRC 840719 notice of violation. Corrective actions will be evaluated during next insp.
GREENMAN, E.G. Division of Project & Resident Programs. 84/11/09. KENYON, B.D. Pennsylvania Power & Light Co. 2pp. 27721:221. 24X Fiche: 50-387, 84/11/09, 8411290417.

--8411290423 Insp Repts 50-387/84-26 & 50-388/84-33 on 840716-0914. No violations noted. Major areas inspected: plant operations; ESF sys operability; licensee events; open items; maint; startup testing; surveillance & preoperational test program.
JACOBS, R.H., PLISCO, L.R., NICHOLAS, H. Region 1, Office of Director. 84/11/06. 28pp. 27721:223. 24X Fiche: 50-387, 84/11/09, 8411290417.

8411200179 Forwards Insp Repts 50-387/84-35 & 50-388/84-44 on 841013-22. Insp reviewed circumstances surrounding 841006 & 13 failures of four scram pilot solenoid valves. Enforcement conference scheduled for 841130.
STAROSTECKI, R. Division of Project & Resident Programs. 84/11/15. KENYON, B.D. Pennsylvania Power & Light Co. 2pp. 27577:083. 24X Fiche: 50-387, 84/11/15, 8411200179.

--8411200194 Insp Repts 50-387/84-35 & 50-388/84-44 on 841013-22. Deficiency noted: two of four control rods failed to scram during 841006 rod scram testing & were in control rod array that exceeded insertion time on 840613.
JACOBS, R.H., PLISCO, L.R. Region 1, Office of Director. STROSNIDER, J. Division of Project & Resident Programs. 84/11/15. 17pp. 27577:085. 24X Fiche: 50-387, 84/11/15, 8411200179.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BHRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411290680 Notification of Significant Licensee Meeting 84-113 on 841130 w/util in King of Prussia, PA to discuss T-ASCO scram pilot solenoid valve problems identified in Insp Rept 50-387/84-35 & Confirmatory Action Ltr 84-18.
KELLY, G. Region 1, Office of Director. 84/11/20. Region 1, Office of Director. 2pp. 27729:172. 24X Fiche: 50-387, 84/11/20, 8411290680.

R. Periodic operating reports & related correspondence

8411210070 "Semiannual Effluent & Waste Disposal Rept, Jan-June 1984." W/840830 ltr.
WIDNER, T.E., SHANK, K.E., KENYON, B.D. Pennsylvania Power & Light Co. 84/06/30. MURLEY, T.E. Region 1, Office of Director. 100pp. 27605:135. 24X Fiche: 50-387, 84/06/30, 8411210070.

8411030583 "NPDES Discharge Monitoring Rept for Sept 1984." W/841022 ltr.
FIELDS, J.S. Pennsylvania Power & Light Co. 84/09/30. KOVAL, P. Pennsylvania, Commonwealth of. 3pp. 27281:361. 24X Fiche: 50-387, 84/09/30, 8411030583.

8411050072 "NPDES Discharge Monitoring Rept for Sept 1984." W/841022 ltr.
FIELDS, J.S. Pennsylvania Power & Light Co. 84/09/30. KOVAL, P. Pennsylvania, Commonwealth of. 8pp. 27329:052. 24X Fiche: 50-387, 84/09/30, 8411050072.

8411150333 Monthly operating repts for Sept 1984. W/841009 ltr.
KUCZYNSKI, L.A., KENYON, B.D. Pennsylvania Power & Light Co. 84/09/30. BEEBE, M.R. Management Information Branch. 25pp. 27529:010. 24X Fiche: 50-387, 84/09/30, 8411150333.

8411200387 "Drinking Water Monitoring Rept for Sept 1984." W/841107 ltr.
* Pennsylvania Power & Light Co. 84/09/30. 2pp. 27586:248. 24X Fiche: 50-387, 84/09/30, 8411200387.

8411280154 Monthly operating repts for Oct 1984. W/841115 ltr.
KUCZYNSKI, L.A., KENYON, B.D. Pennsylvania Power & Light Co. 84/10/31. BEEBE, M.R. Management Information Branch. 9pp. 27689:085. 24X Fiche: 50-387, 84/10/31, 8411280154.

S. Reportable occurrences, LERs & related correspondence

8411190346 RO: on 840926, diesel generator A tripped approx 30 minutes into 1 h loaded run. Connecting rod high temp alarm annunciated at time of trip. Caused by improper seating of vent valve on detent. Maint procedure revised.
KEISER, H.W. Pennsylvania Power & Light Co. 84/10/26. MURLEY, T.E. Region 1, Office of Director. 2pp. 27567:256. 24X Fiche: 50-387, 84/10/26, 8411190346.

DOCKETED ITEMS

221

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

8411130127 LER 84-042-00: on 840926, significant operating occurrence rept written, detailing occurrences between 831223-840329 when chemistry samples not taken within specified time limits. W/841030 ltr.
KUCZYNSKI, L.A., KEISER, H.W. Pennsylvania Power & Light Co. 84/10/30. 3pp. 27460:210. 24X Fiche: 50-387, 84/10/30, 8411130127.

8411160025 LER 84-043-00: on 841006, auxiliary boiler experienced internal arc-over, resulting in closure of some primary containment isolation valves. Cause not stated. Corrective action under formulation. W/841105 ltr.
KUCZYNSKI, L.A., KEISER, H.W. Pennsylvania Power & Light Co. 84/11/05. 3pp. 27544:130. 24X Fiche: 50-387, 84/11/05, 8411160025.

8411210276 Special Rept: on 841006, during load run diesel C tripped & alarms indicated over excitation. Caused by electronic governor malfunction. Governor replaced.
KEISER, H.W. Pennsylvania Power & Light Co. 84/11/05. MURLEY, T.E. Region 1, Office of Director. 2pp. 27607:353. 24X Fiche: 50-387, 84/11/05, 8411210276.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Rustin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411260465 Special rept: on 841012 & 15, diesel generator D exceeded 10 s start time as required by Tech Spec 4.8.1.1 3 & Reg Guide 1.10B. Caused by sluggish response of safety trip control valve USC-9. Valve replaced.
KEISER, H.W. Pennsylvania Power & Light Co. 84/11/09. MURLEY, T.E. Region 1, Office of Director. 2pp. 27645:081. 24X Fiche: 50-387, 84/11/09, 8411260465.

8411280306 LER 84-045-00: on 841018, failure to perform 18-month surveillance of scram discharge vol vent & drain valves since 820113 discovered. Caused by personnel error. Person assigned to review surveillance program. W/841116 ltr.
KUCZYNSKI, L.A., KEISER, H.W. Pennsylvania Power & Light Co. 84/11/16. 3pp. 27684:087. 24X Fiche: 50-387, 84/11/16, 8411280306.

8411280475 LER 84-044-00: on 840613, during performance of Procedure SR-153003, "Scram Time Measurement of Rods Every 120 Days," average scram insertion time not met. Caused by personnel oversight. Scram pilot valve modified. W/841116 ltr.
STANLEY, R.W., KEISER, H.W. Pennsylvania Power & Light Co. 84/11/16. 3pp. 27684:075. 24X Fiche: 50-387, 84/11/16, 8411280475.

8411280568 LER 84-046-00: on 840822, QC inspector found open penetration in ceiling of lower cable spreading room. Caused by fire barrier not being included in surveillance procedure. Procedure revised. W/841116 ltr.
BAILEYS, T.P., KEISER, H. Pennsylvania Power & Light Co. 84/11/16. 2pp. 27685:355. 24X Fiche: 50-387, 84/11/16, 8411280568.

V. Operator Examinations

8411150250 Forwards corrected Exam Repts 50-387/84-24 & 50-388/84-43 of exam administered during wk of 840730-0803.
GREENMAN, E.G. Division of Project & Resident Programs. 84/10/26. KENYON, B.D. Pennsylvania Power & Light Co. 2pp. 27529:152. 24X Fiche: 50-387, 84/10/26, 8411150250.

--8411150258 Corrected Exam Repts 50-387/84-24 & 50-388/84-43 administered on 840730-0380. Exam results: all candidates passed.
BERRY, J. Region 1, Office of Director. 84/10/19. 1p. 27529:154. 24X Fiche: 50-387, 84/10/26, 8411150250.

X. Onsite Storage of Low Level Waste

8411260554 Notification of contract execution, Mod 4, to "Environ Assessment of Low Level Waste Storage at Pennsylvania Power & Light Co. Susquehanna Steam Electric Station." Contractor: Science Applications, Inc.
SILVIS, R.M. Division of Contracts. FIN B-7342-1. 84/11/15. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. LOYSEN, P. NRC - No Detailed Affiliation Given. 1p. 27645:350. 24X Fiche: 50-387, 84/11/15, 8411260554.

--8411260563 Mod 4, incorporating 1982 & 1983 overhead rates & deobligating funds, to "Environ Assessment of Low Level Waste Storage at Pennsylvania Power & Light Co. Susquehanna Steam Electric Station."
MARSHALL, W.R. Science Applications, Inc. THOMPSON, R.D. Division of Contracts. FIN B-7342-1. 84/11/15. 2pp. 27645:351. 24X Fiche: 50-387, 84/11/15, 8411260554.

DOCKET 50-388 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2

F. Security, medical, emergency & fire protection plans

8411150346 Informs that M Campagnone will visit facility during wk of 841112 & requires escorted access to protected & vital areas.
NOVAK, T.M. Assistant Director for Licensing. 84/11/01. KENYON, B.D. Pennsylvania Power & Light Co. 1p. 27530:270. 24X Fiche: 50-387, 84/11/01, 8411150346.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 3pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

8411140125 Rev 3 to Emergency Plan Implementing Procedure EP-IP-009, "Emergency Offsite Dose Calculations." W/841106 ltr.
HAGAN, D.L., KALTER, C.J., KENYON, B.D. Pennsylvania Power & Light Co. 84/11/06. 70pp. 27464:216. 24X Fiche: 50-387, 84/11/06, 8411140125.

8411280257 Informs that M Campagnone will visit facility during wk of 841112 & will need unescorted access to protected & vital areas.
NOVAK, T.M. Assistant Director for Licensing. 84/11/15. KENYON, B.D. Pennsylvania Power & Light Co. 1p. 27673:356. 24X Fiche: 50-387, 84/11/15, 8411280257.

H. General correspondence

8411140375 Submits additions & corrections to svc list for facility. W Matson should be added to list. WE Barberich title should be corrected to manager of nuclear licensing.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/11/08. SCHWENCER, A. Licensing Branch 2. 1p. 27467:167. 24X Fiche: 50-387, 84/11/08, 8411140375.

P. Operating license stage documents & correspondence

8411070302 Forwards 841023 ltr notifying Salem Township of permit application for Demolition Waste Disposal Site 2 in vicinity of intake structure on floodplain.
FIELDS, J.S. Pennsylvania Power & Light Co. 84/10/26. LAMEREAUX, D.J. Pennsylvania, Commonwealth of. 3pp. 27388:315. 24X Fiche: 50-387, 84/10/26, 8411070302.

8411200084 Notifies of util plans to discharge approx 1,000 gallons HX sample station cooling water through liquid radwaste sys into cooling tower blowdown line, per 841029 telcon.
FIELDS, J.S. Pennsylvania Power & Light Co. 84/10/29. KOVAL, P.J. Pennsylvania, Commonwealth of. 2pp. 27436:063. 24X Fiche: 50-387, 84/10/29, 8411200084.

8411070106 Requests relief from performance of hydrostatic test during precommercial outage. Liquid penetrant exam or radiographic exam will be performed to establish integrity of weld. Requests acceptance by 841214. Fee paid.
CURTIS, N.W. Pennsylvania Power & Light Co. 84/11/02. SCHWENCER, A. Licensing Branch 2. 2pp. 27368:175. 24X Fiche: 50-388, 84/11/02, 8411070106.

8411200076 Forwards safety evaluation of fifth diesel generator qualification test in conjunction w/300 start test generic qualification study. Justification acceptable. Periodic testing still required.
SCHWENCER, A. Licensing Branch 2. 84/11/08. CURTIS, N.W. Pennsylvania Power & Light Co. 2pp. 27598:044. 24X Fiche: 50-387, 84/11/08, 8411200076.

--8411200080 Safety evaluation re fifth diesel generator qualification test.
* NRC - No Detailed Affiliation Given. 84/11/08. 2pp. 27598:046. 24X Fiche: 50-387, 84/11/08, 8411200076.

DOCKETED ITEMS

8411160477 Requests remittance of fees for NRC review of 840529 & 0909 applications for exemption from requirement of GDC 56 re instrument gas penetration & for amend to Licenses NPF-14 & NPF-22, deleting 300 start test, respectively. DIGGS, R. M. License Fee Management Branch. 84/11/09. CURTIS, N. W. Pennsylvania Power & Light Co. 2pp. 27546:337. 24X Fiche: 50-387, 84/11/09, 8411160477.

8411160361 Suppls 830922 & 840925 applications to amend License NPF-22 re addition of two motor operated valves & mitigation of water hammer in essential svc water sys. Approval & NSHC determination requested by Aug 1985. CURTIS, N. W. Pennsylvania Power & Light Co. 84/11/12. SCHWENCER, A. Licensing Branch 2. 2pp. 27537:193. 24X Fiche: 50-388, 84/11/12, 8411160361.

8411190568 Provides addl info re NPDES Permit Application PA 0047325, in response to 841022 telcon questions. Info includes revised water use diagram as well as info updating permit application. FIELDS, J. S. Pennsylvania Power & Light Co. 84/11/12. SWERDON, P. Pennsylvania, Commonwealth of. 4pp. 27549:256. 24X Fiche: 50-387, 84/11/12, 8411190568.

8411200311 Forwards application for demolition waste disposal site. Module 5, Phase I & II. W/one oversize drawing. Aperture card available in PDR. FIELDS, J. S. Pennsylvania Power & Light Co. 84/11/14. LAMEREAUX, D. J. Pennsylvania, Commonwealth of. 14pp. 27569:001. 24X Fiche: 50-387, 84/11/14, 8411200311.

8411210329 Forwards Amend 3 to License NPF-22 & safety evaluation. Amend changes Tech Specs by modifying temp limit for determining spray pond operability. SCHWENCER, A. Licensing Branch 2. 84/11/14. CURTIS, N. W. Pennsylvania Power & Light Co. 4pp. 27617:228. 24X Fiche: 50-388, 84/11/14, 8411210329.

--8411210330 Amend 3 to License NPF-22, changing Tech Specs by modifying temp limit for determining spray pond operability. SCHWENCER, A. Licensing Branch 2. 84/11/14. 5pp. 27617:231. 24X Fiche: 50-388, 84/11/14, 8411210329.

--8411210331 Safety evaluation supporting Amend 3 to License NPF-22. * NRC - No Detailed Affiliation Given. 84/11/14. 3pp. 27617:236. 24X Fiche: 50-388, 84/11/14, 8411210329.

8411290171 Informs that util will respond to NRC position on S Levy. Inc Rept SLI-8211, "Review of BWR Reactor Vessel Water Level Measurement Sys." by 850207. CURTIS, N. W. Pennsylvania Power & Light Co. 84/11/21. SCHWENCER, A. Licensing Branch 2. 1p. 27678:010. 24X Fiche: 50-387, 84/11/21, 8411290171.

G. Inspection reports, IE Bulletins & correspondence

841120248 Forwards Investigation Rept 1-82-065 showing examples of falsification of records by Bechtel employees at site. Present & future Bechtel work should be adequately controlled & monitored & records kept accurate. MURLEY, T. E. Region 1, Office of Director. 84/10/17. KENYON, B. D. Pennsylvania Power & Light Co. 2pp. 27437:148. 24X Fiche: 50-387, 84/10/17, 841120248.

--841120252 Investigation Rept 1-82-065 on 820719-1118. Allegations not substantiated. Major areas investigated: allegations of improper design, installation & testing of small bore pipe hangers. CHRISTOPHER, R. Region 1, Office of Director. WARD, W. J. FORTUND, R. Office of Investigation. 83/09/07. 4pp. 27437:150. 24X Fiche: 50-387, 84/10/17, 841120248.

8411160190 Forwards Insp Repts 50-387/84-32 & 50-388/84-39 on 840904-07. No violations noted. MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/24. KENYON, B. D. Pennsylvania Power & Light Co. 2pp. 27545:358. 24X Fiche: 50-387, 84/10/24, 8411160190.

32 & 50-388/84-39 on 840904-07. No suspected: civil/structural agency diesel generator bldg & onst records. Director. DURR, J. P. Division of 84/10/16. 3pp. 27545:360. 24X

ident Involving Telatherapy Unit
rds & Inspection Programs (Post
Edison Co. of New York, Inc.
84/10/26, 8410250031.

8411150250 Forwards corrected Exam Repts 50-387/84-24 & 50-388/84-43 of exam administered during wk of 840730-0803. GREENMAN, E. G. Division of Project & Resident Programs. 84/10/26. KENYON, B. D. Pennsylvania Power & Light Co. 2pp. 27529:152. 24X Fiche: 50-387, 84/10/26, 8411150250.

--8411150258 Corrected Exam Repts 50-387/84-24 & 50-388/84-43 administered on 840730-0380. Exam results: all candidates passed. BERRY, J. Region 1, Office of Director. 84/10/19. 1p. 27529:154. 24X Fiche: 50-387, 84/10/26, 8411150250.

8411020248 Ack receipt of 840803 response to Enforcement Action 84-5. Routine insp showed improvement in plant operations execution of shift turnover, cognizance of control alarms & further refinement of control room operations. STAROSTECKI, R. Region 1, Office of Director. 84/10/30. KENYON, B. D. Pennsylvania Power & Light Co. 2pp. 27255:056. 24X Fiche: 50-387, 84/10/30, 8411020248.

8411210292 Forwards Insp Rept 50-388/84-38 on 840904-06. No violation noted. MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/31. KENYON, B. D. Pennsylvania Power & Light Co. 2pp. 27617:044. 24X Fiche: 50-388, 84/10/31, 8411210292.

--8411210296 Insp Rept 50-388/84-38 on 840904-06. No noncompliance noted. Major areas inspected: witnessing conduct of feedwater pump testing, recirculation pump trips, MPC performance testing & turbine generator trip. FLOREK, D. J. BETTENHAUSEN, L. Region 1, Office of Director. 84/10/24. 19pp. 27617:046. 24X Fiche: 50-388, 84/10/31, 8411210292.

8411210390 Forwards Enforcement Conference Rept 50-388/84-34 on 841009. Response to concerns re indications of control rod position, reactor water level & suppression pool temp requested within 30 days. MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/31. KENYON, B. D. Pennsylvania Power & Light Co. 2pp. 27607:195. 24X Fiche: 50-388, 84/10/31, 8411210390.

--8411210395 Enforcement Conference Rept 50-388/84-34 on 841009. Major areas discussed: inadequate corrective action for previously experienced problems w/plant operator manipulation of dc auxiliary relay & bus control knife switches. FLOREK, D. J. BETTENHAUSEN, L. Region 1, Office of Director. 84/10/24. 130pp. 27607:197. 24X Fiche: 50-388, 84/10/31, 8411210390.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/03. Consolidated Edison Co. of New York, Inc. 116pp. 27417:199. 24X Fiche: 50-000, 84/11/03, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411290417 Forwards Insp Repts 50-387/84-26 & 50-388/84-33 on 840716-0914. No violation noted. Ack receipt of 840817 ltr in response to NRC 840719 notice of violation. Corrective actions will be evaluated during next insp. GREENMAN, E. G. Division of Project & Resident Programs. 84/11/09. KENYON, B. D. Pennsylvania Power & Light Co. 2pp. 27721:221. 24X Fiche: 50-387, 84/11/09, 8411290417.

--8411290423 Insp Repts 50-387/84-26 & 50-388/84-33 on 840716-0914. No violations noted. Major areas inspected: plant operations, ESF sys operability, licensee events, open items, maint, startup testing, surveillance & preoperational test program. JACOBS, R. H. FLISCO, L. R., NICHOLAS, H. Region 1, Office of Director. 84/11/06. 28pp. 27721:223. 24X Fiche: 50-387, 84/11/09, 8411290417.

8411200179 Forwards Insp Repts 50-387/84-35 & 50-388/84-44 on 841013-22. Insp reviewed circumstances surrounding 841006 & 13 failures of four scram pilot solenoid valves. Enforcement conference scheduled for 841130. STAROSTECKI, R. Division of Project & Resident Programs. 84/11/15. KENYON, B. D. Pennsylvania Power & Light Co. 2pp. 27577:083. 24X Fiche: 50-387, 84/11/15, 8411200179.

DOCKETED ITEMS

223

--8411200194 Insp Repts 50-387/84-35 & 50-388/84-44 on 841013-22. Deficiency noted: two of four control rods failed to scram during 841006 rod scram testing & were in control rod array that exceeded insertion time on 840613. JACOBS, R.H., PLISCO, L.R. Region 1, Office of Director. STROSNIDER, J. Division of Project & Resident Programs. 84/11/15. 17pp. 27577:085. 24X Fiche: 50-387, 84/11/15, 8411200179.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

R. Periodic operating reports & related correspondence

8411210070 "Semiannual Effluent & Waste Disposal Rept, Jan-June 1984." W/840830 ltr. WIDNER, T.E., SHANK, K.E., KENYON, B.D. Pennsylvania Power & Light Co. 84/06/30. MURLEY, T.E. Region 1, Office of Director. 100pp. 27606:155. 24X Fiche: 50-387, 84/06/30, 8411210070.

8411030583 "NPDES Discharge Monitoring Rept for Sept 1984." W/841022 ltr. FIELDS, J.S. Pennsylvania Power & Light Co. 84/09/30. KOVAL, P. Pennsylvania, Commonwealth of. 3pp. 27281:361. 24X Fiche: 50-387, 84/09/30, 8411030583.

8411050072 "NPDES Discharge Monitoring Rept for Sept 1984." W/841022 ltr. FIELDS, J.S. Pennsylvania Power & Light Co. 84/09/30. KOVAL, P. Pennsylvania, Commonwealth of. 8pp. 27329:052. 24X Fiche: 50-387, 84/09/30, 8411050072.

841150333 Monthly operating repts for Sept 1984. W/841009 ltr. KUCZYNSKI, L.A., KENYON, B.D. Pennsylvania Power & Light Co. 84/09/30. BEEBE, M.R. Management Information Branch. 25pp. 27529:010. 24X Fiche: 50-387, 84/09/30, 841150333.

8411200387 "Drinking Water Monitoring Rept for Sept 1984." W/84107 ltr. * Pennsylvania Power & Light Co. 84/09/30. 2pp. 27586:248. 24X Fiche: 50-387, 84/09/30, 8411200387.

8411280154 Monthly operating repts for Oct 1984. W/841115 ltr. KUCZYNSKI, L.A., KENYON, B.D. Pennsylvania Power & Light Co. 84/10/31. BEEBE, M.R. Management Information Branch. 9pp. 27685:085. 24X Fiche: 50-387, 84/10/31, 8411280154.

S. Reportable occurrences, LERs & related correspondence

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions. KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

8411090446 LER 84-020-00: on 840929, unplanned ESF actuation occurred during calibr of differential pressure instrument resulting in isolation of reactor water cleanup sys. Caused by closure of containment isolation valve. W/841029 ltr. WILKS, B.L., KEISER, H.W. Pennsylvania Power & Light Co. 84/10/29. 4pp. 27416:224. 24X Fiche: 50-388, 84/10/29, 8411090446.

841140194 LER 84-021-00: on 840930, reactor scrammed due to turbine trip on moisture separator B drain tank high level. Task team established to evaluate drain tank level control sys. W/841101 ltr. KUCZYNSKI, L.A., KEISER, H.W. Pennsylvania Power & Light Co. 84/11/01. 3pp. 27493:319. 24X Fiche: 50-388, 84/11/01, 841140194.

8411210475 Special rept: on 840804, 05, 07, 18, 21 & 0903, injections of water into RCS occurred due to RCIC actuations. KEISER, H.W. Pennsylvania Power & Light Co. 84/11/01. MURLEY, T.E. Region 1, Office of Director. 1p. 27607:056. 24X Fiche: 50-388, 84/11/01, 8411210475.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411200460 LER 84-022-00: on 841010, HPCI sys declared inoperable due to high vibration detected during maint check of HPCI bearings. Caused by misalignment between booster pump reduction gear unit & main pump & turbine. Pumps realigned. W/841109 ltr. KUCZYNSKI, L.A., KEISER, H.W. Pennsylvania Power & Light Co. 84/11/09. 3pp. 27584:272. 24X Fiche: 50-388, 84/11/09, 8411200460.

8411280309 LER 84-024-00: on 841016, total amount of boron in sodium pentaborate solution of standby liquid control sys found below Tech Spec requirements. Chemicals added & proper boration attained. Surveillance test revised. W/841116 ltr. KUCZYNSKI, L.A., KEISER, H.W. Pennsylvania Power & Light Co. 84/11/16. 3pp. 27684:078. 24X Fiche: 50-388, 84/11/16, 8411280309.

V. Operator Examinations

841150250 Forwards corrected Exam Repts 50-387/84-24 & 50-388/84-43 of exam administered during wk of 840730-0803. GREENMAN, E.G. Division of Project & Resident Programs. 84/10/26. KENYON, B.D. Pennsylvania Power & Light Co. 2pp. 27529:152. 24X Fiche: 50-387, 84/10/26, 841150250.

--841150258 Corrected Exam Repts 50-387/84-24 & 50-388/84-43 administered on 840730-0380. Exam results: all candidates passed. BERRY, J. Region 1, Office of Director. 84/10/19. 1p. 27529:154. 24X Fiche: 50-387, 84/10/26, 841150250.

X. Onsite Storage of Low Level Waste

8411260554 Notification of contract execution, Mod 4, to "Environ Assessment of Low Level Waste Storage at Pennsylvania Power & Light Co. Susquehanna Steam Electric Station." Contractor: Science Applications, Inc. SILVUS, R.M. Division of Contracts. FIN B-7342-1. 84/11/15. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. LOYSEN, P. NRC - No Detailed Affiliation Given. 1p. 27645:350. 24X Fiche: 50-387, 84/11/15, 8411260554.

--8411260563 Mod 4, incorporating 1982 & 1983 overhead rates & debilitating funds, to "Environ Assessment of Low Level Waste Storage at Pennsylvania Power & Light Co. Susquehanna Steam Electric Station." MARSHALL, W.R. Science Applications, Inc. THOMPSON, R.D. Division of Contracts. FIN B-7342-1. 84/11/15. 2pp. 27645:351. 24X Fiche: 50-387, 84/11/15, 8411260554.

DOCKET 50-389 ST. LUCIE PLANT, UNIT 2

F. Security, medical, emergency & fire protection plans

841140298 Requests that 20-day submittal of annual emergency exercise objectives & detailed scenarios be eliminated & 45-day schedule be used w/all controller info, per 820129 ltr. No change needed in 75-day schedule. LEWIS, R.C. Region 2, Office of Director. 84/10/11. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27530:061. 24X Fiche: 50-000, 84/10/11, 841140298.

841150321 Forwards Insp Repts 50-335/84-28 & 50-389/84-30 on 840924-27. No violations or deviations noted. DANCE, H.C. Region 2, Office of Director. 84/10/17. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27529:082. 24X Fiche: 50-335, 84/10/17, 841150321.

--841150331 Insp Repts 50-335/84-28 & 50-389/84-30 on 840924-27. No violations or deviations noted. Major areas inspected: emergency preparedness. MARBTON, R.R. Region 2, Office of Director. 84/10/15. 6pp. 27529:084. 24X Fiche: 50-335, 84/10/17, 841150321.

8411060573 Ack receipt of 840831 ltr transmitting Rev 9 to physical security plan. Add'l clarification required re underwater intrusion detection sys. Encl withheld (ref 10CFR73.21). LEWIS, R.C. Region 2, Office of Director. 84/10/25. WILLIAMS, J.W. Florida Power & Light Co. 3pp. 27350:186. 24X Fiche: 50-335, 84/10/25, 8411060573.

DOCKETED ITEMS

B411060325 Forwards addl info re safety parameter display sys implementation plan submitted in response to Generic Ltr 82-33 & 840914 request. Info covers isolation devices, human factors program & data validation. WILLIAMS, J.W. Florida Power & Light Co. 84/11/02. MILLER, J.R. Operating Reactors Branch 3. 24pp. 27321:143. 24X Fiche: 50-335, 84/11/02, B411060325.

B411280533 Forwards summary of 841002 meeting w/util concerning summary rept re open or confirmatory items described in 840510 detailed control room design review preimplementation audit rept. Attendance list encl. VARGA, S.A. Operating Reactors Branch 1. 84/11/06. WILLIAMS, J.W. Florida Power & Light Co. 33pp. 27682:165. 24X Fiche: 50-000, 84/11/06, B411280533.

B411140343 Rev 0 to Emergency Plan Implementing Procedure 1302, "Offsite Emergency Organization PSL Core Damage Assessment." W/841109 ltr. WILLIAMS, J.W. Florida Power & Light Co. 84/11/09. EISENHUT, D.O. Division of Licensing. 83pp. 27467:348. 24X Fiche: 50-389, 84/11/09, B411140343.

B411260257 Forwards status of resolution of license conditions covering inservice insp program, axial growth & fire protection. Deletion of completed conditions in future license amend requested. WILLIAMS, J.W. Florida Power & Light Co. 84/11/20. EISENHUT, D.O. Division of Licensing. 9pp. 27613:115. 24X Fiche: 50-389, 84/11/20, B411260257.

I. Financial information

B411280218 Notifies that NRC review of financial info submitted on B41107 found licenses in compliance w/10CFR140.21 requiring approved guarantee of payment of deferred premium for each reactor over 100 MWe. SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. WILLIAMS, J.W. Florida Power & Light Co. 1p. 27681:361. 24X Fiche: 50-000, 84/11/16, B411280218.

M. Antitrust correspondence

B411010551 Memorandum & order approving implementation of license conditions to require applicant negotiations w/municipalities. DUGGAN, M.A., LAZO, R.M., SMITH, I.W. Atomic Safety and Licensing Board Panel. 81/04/24. Florida Power & Light Co. 13pp. 27266:204. 24X Fiche: 50-389, 81/04/24, B411010551.

P. Operating license stage documents & correspondence

B411010257 Requests that 841025 presentation to EDO include comments on encl "Maint & Surveillance Program Plan." Addl detail needed re NRC coordination & evaluation of Nuclear Utilis Mgt & Human Resources Committee/INPO initiatives. RUSSELL, W.T. Division of Human Factors Safety. 84/10/16. WOODY, C.D. Florida Power & Light Co. 1p. 27264:309. 24X Fiche: 50-000, 84/10/16, B411010257.

B411140465 Forwards Amend 7 to License NPF-16, safety evaluation & technical evaluation rept. Amend revises Tech Specs & authorizes increase in storage capacity of spent fuel pool from 675 to 1,076 fuel assemblies. SELLS, D.E. Operating Reactors Branch 3. 84/10/16. WILLIAMS, J.W. Florida Power & Light Co. 3pp. 27525:277. 24X Fiche: 50-389, 84/10/16, B411140465.

--B411140467 Amend 7 to License NPF-16, revising Tech Specs & authorizing increase in storage capacity of spent fuel pool from 675 to 1,076 fuel assemblies. MILLER, J.R. Operating Reactors Branch 3. 84/10/16. 6pp. 27525:280. 24X Fiche: 50-389, 84/10/16, B411140465.

--B411140471 Safety evaluation supporting Amend 7 to License NPF-16. * Office of Nuclear Reactor Regulation, Director. 84/10/16. 14pp. 27525:286. 24X Fiche: 50-389, 84/10/16, B411140465.

--8409210112 "Evaluation of Spent Fuel Racks Structural Analysis. St Lucie Generating Station Unit 2." technical evaluation rept. HERRICK, R.C. Franklin Institute/Franklin Research Center. NRC-03-81-130. TER-C5506-528. 84/09/19. KIM, S.B. NRC - No Detailed Affiliation Given. 29pp. 27525:300. 24X Fiche: 50-389, 84/10/16, B411140465.

B411150204 Advises that 840831 request for extension until 850131 to respond to Items 1 & 3 of Generic Ltr 84-13 re diesel generator reliability acceptable. Only Item 1 may require proposed amends. Items 2 & 3 for staff use. MILLER, J.R. Operating Reactors Branch 3. 84/10/24. WILLIAMS, J.R. Florida Power & Light Co. 1p. 27530:310. 24X Fiche: 50-335, 84/10/24, B411150204.

B411200413 Forwards FR notice of consideration of issuance of amend to License NPF-16 & proposed NSHC determination & opportunity for hearing re B41019 application to change Tech Spec nomenclature. SELLS, D.E. Operating Reactors Branch 3. 84/10/25. WILLIAMS, J.W. Florida Power & Light Co. 1p. 27597:288. 24X Fiche: 50-389, 84/10/25, B411200413.

--B411140599 Notice of consideration of issuance of amend to License NPF-16 & proposed NSHC determination & opportunity for hearing. Amend changes nomenclature in Tech Specs re valve installation. MILLER, J.R. Operating Reactors Branch 3. 84/10/24. 7pp. 27597:289. 24X Fiche: 50-389, 84/10/25, B411200413.

B411200435 Forwards attendee list for proposed Dec 1984 2-day ofc & site visit to obtain info re resolution of Unresolved Safety Issue A-45 on shutdown DHR sys in existing LWR power plants. W/o encl. MILLER, J.R. Operating Reactors Branch 3. 84/10/26. WILLIAMS, J.W. Florida Power & Light Co. 3pp. 27598:218. 24X Fiche: 50-335, 84/10/26, B411200435.

B411090344 Forwards response to Containment Sys Branch request for addl info re Cycle 2 reload safety rept. WILLIAMS, J.W. Florida Power & Light Co. 84/10/29. EISENHUT, D.O. Division of Licensing. 3pp. 27416:357. 24X Fiche: 50-389, 84/10/29, B411090344.

B411050217 Informs of nonconformance w/vendor equipment technical info program recommendations (Generic Ltr 83-28, Item 2.2.2) in areas of internal handling of vendor svcs & vendor info. Revised procedures to be incorporated by B41215. WILLIAMS, J.W. Florida Power & Light Co. 84/10/30. EISENHUT, D.O. Division of Licensing. 1p. 27302:360. 24X Fiche: 50-335, 84/10/30, B411050217.

B411060208 Forwards info in response to NRC 840914 ltr re inadequate core cooling instrumentation sys. NUREG-0737, Item II.F.2. Implementation ltr rept & milestones for implementation of sys included. WILLIAMS, J.W. Florida Power & Light Co. 84/11/01. MILLER, J.R. Operating Reactors Branch 3. 8pp. 27324:030. 24X Fiche: 50-335, 84/11/01, B411060208.

B41120363 Forwards "Fuel Rod Axial Growth Evaluation," per License Condition 2.C.5. Results of shoulder gap insp & evaluation assure shoulder gap clearance adequate for all future cycles. WILLIAMS, J.W. Florida Power & Light Co. 84/11/08. EISENHUT, D.O. Division of Licensing. 1p. 27427:088. 24X Fiche: 50-389, 84/11/08, B41120363.

--B41120371 "Fuel Rod Axial Growth Evaluation." HANEK, O.I., KNUCKLES, E.R., POTERALSKI, D.C. Florida Power & Light Co. 84/11/08. 14pp. 27427:089. 24X Fiche: 50-389, 84/11/08, B41120363.

B411190289 Forwards addl info re safe loadpaths, testing of crane controls & special lifting devices for review of response to NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants." WILLIAMS, J.W. Florida Power & Light Co. 84/11/09. MILLER, J.R. Operating Reactors Branch 3. 19pp. 27554:112. 24X Fiche: 50-389, 84/11/09, B411190289.

B411280389 Forwards Amend B to License NPF-16 & safety evaluation. Amend revises Tech Specs for Cycle 2 operation. Commitment requested in safety evaluation, prior to Cycle 2 startup met. per B41029 ltr. MILLER, J.R. Operating Reactors Branch 3. 84/11/09. WILLIAMS, J.R. Florida Power & Light Co. 4pp. 27683:001. 24X Fiche: 50-389, 84/11/09, B411280389.

--B411280395 Amend B to License NPF-16, revising Tech Specs for Cycle 2 operation. MILLER, J.R. Operating Reactors Branch 3. 84/11/09. 80pp. 27683:005. 24X Fiche: 50-389, 84/11/09, B411280389.

--B411280398 Safety evaluation supporting Amend B to License NPF-16. * Office of Nuclear Reactor Regulation, Director. 84/11/09. 21pp. 27683:084. 24X Fiche: 50-389, 84/11/09, B411280389.

B411260257 Forwards status of resolution of license conditions covering inservice insp program, axial growth & fire protection. Deletion of completed conditions in future license amend requested. WILLIAMS, J.W. Florida Power & Light Co. 84/11/20. EISENHUT, D.O. Division of Licensing. 9pp. 27613:115. 24X Fiche: 50-389, 84/11/20, B411260257.

G. Inspection reports, IE Bulletins & correspondence

8411140076 Forwards Insp Repts 50-335/84-27 & 50-389/84-29 on 840910-14. No violation or deviation noted. DANCE, H.C. Region 2, Office of Director. 84/10/01. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27492:336. 24X Fiche: 50-335, 84/10/01, 8411140076.

--8411140082 Insp Repts 50-335/84-27 & 50-389/84-29 on 840910-14. No violation or deviation noted. Major areas inspected: plant chemistry inservice insp of pumps & valves & previous insp findings. ROSS, W.J., BLAKE, J.J. Region 2, Office of Director. 84/09/27. 15pp. 27492:338. 24X Fiche: 50-335, 84/10/01, 8411140076.

8411150321 Forwards Insp Repts 50-335/84-28 & 50-389/84-30 on 840924-27. No violations or deviations noted. DANCE, H.C. Region 2, Office of Director. 84/10/17. WILLIAMS, J.W. Florida Power & Light Co. 2pp. 27529:082. 24X Fiche: 50-335, 84/10/17, 8411150321.

--8411150331 Insp Repts 50-335/84-28 & 50-389/84-30 on 840924-27. No violations or deviations noted. Major areas inspected: emergency preparedness. MARSTON, R.R., CLINE, W.E. Region 2, Office of Director. 84/10/15. 6pp. 27529:084. 24X Fiche: 50-335, 84/10/17, 8411150321.

8411080268 Submits addl info/clarification to 841003 response to IE Bulletin 84-03. Test performed on spare seal indicated fasteners would pull out at lower force than originally predicted. Safety factor greater than originally calculated. WILLIAMS, J.W. Florida Power & Light Co. 84/10/19. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27392:104. 24X Fiche: 50-389, 84/10/19, 8411080268.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411260272 Forwards response to 840914 request for addl info re inservice insp program. Drawings undergoing general rev for incorporation of as-built field changes & clarification. WILLIAMS, J.W. Florida Power & Light Co. 84/11/19. MILLER, J.R. Operating Reactors Branch 3. 18pp. 27414:068. 24X Fiche: 50-389, 84/11/19, 8411260272.

8411260257 Forwards status of resolution of license conditions covering inservice insp program, axial growth & fire protection. Deletion of completed conditions in future license amend requested. WILLIAMS, J.W. Florida Power & Light Co. 84/11/20. EISENHUT, D.G. Division of Licensing. 9pp. 27613:115. 24X Fiche: 50-389, 84/11/20, 8411260257.

R. Periodic operating reports & related correspondence

8411150139 Monthly operating repts for Sept 1984. W/841015 ltr. GRANT, N.W. Florida Power & Light Co. 84/09/30. 17pp. 27530:011. 24X Fiche: 50-000, 84/09/30, 8411150139.

8411280030 Monthly operating repts for Oct 1984. W/841115 ltr. GRANT, N.W. Florida Power & Light Co. 84/10/31. 17pp. 27685:243. 24X Fiche: 50-000, 84/10/31, 8411280030.

S. Reportable occurrences, LERs & related correspondence

8411140419 Provides addl info on evaluation & corrective action re excessive setpoint drift in some potentiometers in auxiliary feedwater actuation sys cabinet at St Lucie Unit 2 & plant protection sys cabinets at Palo Verde. SCHERER, A.E. Combustion Engineering, Inc. 84/10/26. BAER, R.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 2pp. 27469:006. 24X Fiche: 50-000, 84/10/26, 8411140419.

8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl. WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, 84/11/12, 8411260340.

8411280305 LER 84-006-00: on 841014, operators could not obtain reading of auxiliary feedwater (AFW) flow to steam generator B from AFW pump B. Caused by stem separating from plug on AFW valve. Investigation continuing. W/841113 ltr. VALDES, S.A., WILLIAMS, J.W. Florida Power & Light Co. 84/11/13. 2pp. 27684:202. 24X Fiche: 50-389, 84/11/13, 8411280305.

8411270211 PNO-II-84-088: on 841121, unit tripped due to loss of excitation on main generator. Main generator exciter damaged. Extent of damage under evaluation. ELROD, S.A., BROWNLEE, V.L. Region 2, Office of Director. 84/11/21. 1p. 27629:099. 24X Fiche: 50-389, 84/11/21, 8411270211.

DOCKET 50-390 WATTS BAR NUCLEAR PLANT, UNIT 1

A. Application/construction stage documents & correspondence

8411060129 Forwards response to TM Novak 840910 ltr re potential boron dilution events. Encl provides basis for compliance w/NRC position. MILLS, L.M. Tennessee Valley Authority. 84/10/02. ADENSAM, E. Licensing Branch 4. 4pp. 27322:246. 24X Fiche: 50-390, 84/10/02, 8411060129.

8411010054 Forwards summary of 840926 meeting w/util in Atlanta, GA re util GA reorganization. Attendee list encl. LEWIS, R.C. Region 2, Office of Director. 84/10/09. PARRIS, H.G. Tennessee Valley Authority. 4pp. 27250:198. 24X Fiche: 50-000, 84/10/09, 8411010054.

8411150279 Advises that GA program submitted on 830711 satisfies requirements of 10CFR50, App B & acceptable. LEWIS, R.C. Region 2, Office of Director. 84/10/12. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27528:298. 24X Fiche: 50-000, 84/10/12, 8411150279.

8411160162 Forwards Rev B to "QA Program Description for Design, Const & Operation of TVA Nuclear Power Plants," reflecting organizational changes in program. MILLS, L.M. Tennessee Valley Authority. 84/10/22. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27537:331. 24X Fiche: 50-000, 84/10/22, 8411160162.

--8411160177 Rev B to "QA Program Description for Design, Const & Operation of TVA Nuclear Power Plants." * Tennessee Valley Authority. TVA-TR75-1A R08. 84/10/22. 239pp. 27537:333. 24X Fiche: 50-000, 84/10/22, 8411160162.

DOCKETED ITEMS

8411050240 Forwards summary of 841016 meeting w/ util re functions of nuclear safety review staff. Attendance list & "Summary Description of Activities of TVA Nuclear Safety Review Staff" encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/26. PARRIS, H. G. Tennessee Valley Authority. 20pp. 27529:259. 24X Fiche: 50-000, 84/10/26, 8411050240.

8411050414 Forwards response to NRC 840822 request for addl info re use of deep draft pumps. Rev 5 to General Operating Instruction GDI-7, "Generic Equipment Operating Guidelines" & Rev 7 to SI-7.50 "High Pressure..." encl.
MILLS, L. M. Tennessee Valley Authority. 84/10/30. ADENSAM, E. Licensing Branch 4. 6pp. 27297:123. 24X Fiche: 50-390, 84/10/30, 8411050414.

--8411050417 Rev 5 to General Operating Instruction GDI-7, "Generic Equipment Operating Guidelines."
COOK, C. R. Tennessee Valley Authority. 84/07/11. 3pp. 27297:129. 24X Fiche: 50-390, 84/10/30, 8411050414.

--8411050421 Rev 7 to Surveillance Instruction SI-7.50, "High Pressure Fire Protection Pumps."
JOHNSON, G. L. Tennessee Valley Authority. 84/09/25. 19pp. 27297:132. 24X Fiche: 50-390, 84/10/30, 8411050414.

8411190348 Forwards detailed justification in support of 840619 request for exemption from quarterly testing requirements of Tech Spec 4.3.2.1 re ESF actuation sys slave relays. W/ two oversize drawings. Aperture cards in PDR.
DOMER, J. A. Tennessee Valley Authority. 84/11/09. ADENSAM, E. Licensing Branch 4. 7pp. 27550:155. 24X Fiche: 50-390, 84/11/09, 8411190348.

--8411190353 Proposed Tech Spec re ESF actuation sys instrumentation surveillance requirements.
* Tennessee Valley Authority. 84/11/09. 3pp. 27550:162. 24X Fiche: 50-390, 84/11/09, 8411190348.

8411260374 Requests extension of CPPR-91 to Sept 1985 & CPPR-92 to Sept 1987 due to delays in completion of piping analysis, hanger design & installation work in preoperational test program & resolution of deficiencies.
DOMER, J. A. Tennessee Valley Authority. 84/11/19. ADENSAM, E. Licensing Branch 4. 2pp. 27611:240. 24X Fiche: 50-390, 84/11/19, 8411260374.

8411280183 Forwards Rev 1 to "Startup Test Program Master Sequence," per 841106 telcon. Listed addl info will be included in Amend 54 to FSAR.
DOMER, J. A. Tennessee Valley Authority. 84/11/20. ADENSAM, E. Licensing Branch 4. 1p. 27666:006. 24X Fiche: 50-390, 84/11/20, 8411280183.

--8411280191 Rev 1 to SU-1.1, "Startup Test Program Master Sequence."
WARREN, R. L., JONES, M. K. Tennessee Valley Authority. 84/06/12. 39pp. 27666:007. 24X Fiche: 50-390, 84/11/20, 8411280183.

E. NRC Safety Evaluation Report (SER), suppl's & correspondence

8411010124 Advises that SER License Condition 17 re PORV & block valve emergency power provides for one path w/ valve motive power in event of single event.
NOVAK, T. M. Assistant Director for Licensing. 84/10/24. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27271:361. 24X Fiche: 50-390, 84/10/24, 8411010124.

F. Security, medical, emergency & fire protection plans

8411080315 "Watts Bar Nuclear Plant Radiological Emergency Exercise Scenario."
* Tennessee Valley Authority. * Tennessee, State of. 84/09/30. 318pp. 27390:096. 24X Fiche: 50-390, 84/09/30, 8411080315.

8411140461 Forwards Insp Repts 50-390/84-69 & 50-391/84-50 on 840910-13. No violations or deviations noted.
VERRELLI, D. M. Region 2, Office of Director. 84/10/02. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27494:080. 24X Fiche: 50-390, 84/10/02, 8411140461.

--8411140469 Insp Repts 50-390/84-69 & 50-391/84-50 on 840910-13. No violations or deviations noted. Major areas inspected: emergency preparedness exercise.
DECKER, T. R., CLINE, W. E. Region 2, Office of Director. 84/10/02. 8pp. 27494:082. 24X Fiche: 50-390, 84/10/02, 8411140461.

8411010099 Forwards FEMA Region IV ltr to director of State of TN Emergency Mgt Agency re 840911-12 emergency exercise: stating need for revised public info program & need for remedial drill to test program adequacy. W/o encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/05. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27250:004. 24X Fiche: 50-390, 84/10/05, 8411010099.

8411140530 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/ all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27495:212. 24X Fiche: 50-000, 84/10/11, 8411140530.

8411050288 Revised Central Emergency Control Ctr Implementing Procedures IP-1 re transportation accident involving shipment of radwaste & IP-6 re alert site area, emergency & general emergency. W/ 841030 ltr.
MILLS, L. M. Tennessee Valley Authority. 84/10/30. 16pp. 27301:323. 24X Fiche: 50-000, 84/10/30, 8411050288.

8411050414 Forwards response to NRC 840822 request for addl info re use of deep draft pumps. Rev 5 to General Operating Instruction GDI-7, "Generic Equipment Operating Guidelines" & Rev 7 to SI-7.50 "High Pressure..." encl.
MILLS, L. M. Tennessee Valley Authority. 84/10/30. ADENSAM, E. Licensing Branch 4. 6pp. 27297:123. 24X Fiche: 50-390, 84/10/30, 8411050414.

--8411050421 Rev 7 to Surveillance Instruction SI-7.50, "High Pressure Fire Protection Pumps."
JOHNSON, G. L. Tennessee Valley Authority. 84/09/25. 19pp. 27297:132. 24X Fiche: 50-390, 84/10/30, 8411050414.

8411260300 Rev 9 to radiological emergency plan. W/ 841116 ltr.
HUFHAM, J. W. Tennessee Valley Authority. 84/11/16. O'REILLY, J. P. Region 2, Office of Director. 11pp. 27612:322. 24X Fiche: 50-390, 84/11/16, 8411260300.

G. Inspection reports, IE Bulletins & correspondence

8411140276 Forwards Insp Rept 50-390/84-62 on 840821-24. No violations or deviations noted. W/o encl.
VERRELLI, D. M. Division of Project & Resident Programs. 84/08/31. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27491:309. 24X Fiche: 50-390, 84/08/31, 8411140276.

8411140461 Forwards Insp Repts 50-390/84-69 & 50-391/84-50 on 840910-13. No violations or deviations noted.
VERRELLI, D. M. Region 2, Office of Director. 84/10/02. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27494:080. 24X Fiche: 50-390, 84/10/02, 8411140461.

--8411140469 Insp Repts 50-390/84-69 & 50-391/84-50 on 840910-13. No violations or deviations noted. Major areas inspected: emergency preparedness exercise.
DECKER, T. R., CLINE, W. E. Region 2, Office of Director. 84/10/02. 8pp. 27494:082. 24X Fiche: 50-390, 84/10/02, 8411140461.

8411140405 Forwards Insp Repts 50-390/84-68 & 50-391/84-49 on 840828-31. No violation or deviation noted.
VERRELLI, D. M. Region 2, Office of Director. 84/10/04. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27495:001. 24X Fiche: 50-390, 84/10/04, 8411140405.

--8411140409 Insp Repts 50-390/84-68 & 50-391/84-49 on 840828-31. No violation or deviation noted. Major areas inspected: review of Black & Veatch independent design review & worker concerns.
GIBBONS, T. D., CONLON, T. E. Region 2, Office of Director. 84/09/27. 14pp. 27495:003. 24X Fiche: 50-390, 84/10/04, 8411140405.

8411140309 Forwards Insp Repts 50-390/84-72 & 50-391/84-52 on 840917-21. No violation or deviation noted.
VERRELLI, D. M. Region 2, Office of Director. 84/10/09. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27491:277. 24X Fiche: 50-390, 84/10/09, 8411140309.

--8411140316 Insp Repts 50-390/84-72 & 50-391/84-52 on 840917-21. No violation or deviation noted. Major areas inspected: action on previous insp enforcement matters, followup on previous insp items & licenses identified 10CFR50.55(a) items.
WRIGHT, R. W., UPRIGHT, C. M. Region 2, Office of Director. 84/10/04. 5pp. 27491:279. 24X Fiche: 50-390, 84/10/09, 8411140309.

8411140548 Forwards Insp Rept 50-390/84-74 on 840917-21. No violations or deviations noted.
VERRELLI, D. M. Region 2, Office of Director. 84/10/11. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27495:223. 24X Fiche: 50-390, 84/10/11, 8411140548.

--8411140553 Insp Rept 50-390/84-74 on 840917-21. No violations or deviations noted. Major areas inspected: audits & surveillance, organization & mgmt, training & qualifications, facilities & equipment & survey.
HOSEY, C.M., COOPER, W.T., JENKINS, O.R. Region 2, Office of Director. 84/10/09. 13pp. 27493:225. 24X Fiche: 50-390, 84/10/11, 8411140548.

8411140297 Act receipt of 840928 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-390/84-37 & 50-391/84-31.
LEWIS, R.C. Region 2, Office of Director. 84/10/19. PARRIS, H.G. Tennessee Valley Authority. 1p. 27491:284. 24X Fiche: 50-390, 84/10/19, 8411140297.

--8411140301 Responds to NRC 840726 ltr re violations noted in Insp Repts 50-390/84-37 & 50-391/84-31. Corrective actions: administrative instructions revised & operations personnel trained in proper implementation of AI-2.19.
MILLS, L.M. Tennessee Valley Authority. 84/09/28. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27491:285. 24X Fiche: 50-390, 84/10/19, 8411140297.

--8411140305 Forwards Insp Repts 50-390/84-37 & 50-391/84-31 on 840525-0623 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/07/26. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27491:288. 24X Fiche: 50-390, 84/10/19, 8411140297.

--8411140308 Notice of violation from insp on 840525-0623.
* Region 2, Office of Director. 84/07/26. 2pp. 27491:290. 24X Fiche: 50-390, 84/10/19, 8411140297.

--8411140312 Insp Repts 50-390/84-37 & 50-391/84-31 on 840525-0623. Violations noted: failure to follow configuration control procedures, inadequate clearance procedure & failure to perform step in maint procedure.
SHYMLOCK, M.B., SWAN, W.B., HOLLAND, W.E. Region 2, Office of Director. 84/07/13. 17pp. 27491:292. 24X Fiche: 50-390, 84/10/19, 8411140297.

8411080027 Forwards addl supplemental info to responses to IE Bulletin 79-02 re expansion shell anchor supports. Rev to final rept will be submitted by 840111. Info on addl sampling requested at 841001 insp encl.
MILLS, L.M. Tennessee Valley Authority. 84/10/24. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27391:316. 24X Fiche: 50-390, 84/10/24, 8411080027.

8411130542 Forwards Exam Rept 50-390/DL-84-02 administered on 840625-29.
VERRELLI, D.M. Region 2, Office of Director. 84/10/24. PARRIS, H.G. Tennessee Valley Authority. 3pp. 27462:217. 24X Fiche: 50-390, 84/10/24, 8411130542.

--8411130548 Exam Rept 50-390/DL-84-02 on 840625-29. Exam results: 10 of 11 candidates passed oral exams & 9 of 12 passed written exams.
MORRIS, T.L., WILSON, B.A. Region 2, Office of Director. 84/10/18. 96pp. 27462:220. 24X Fiche: 50-390, 84/10/24, 8411130542.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411150036 Forwards relief request Inservice Insp-10 re regenerative HX. Rev 6 to TI-50B, "ASME Section XI Preservice Insp Program, Unit 2." also encl.
SHELL, R.H. Tennessee Valley Authority. 84/11/07. ADENSAM, E. Licensing Branch 4. 3pp. 27502:079. 24X Fiche: 50-390, 84/11/07, 8411150036.

--8411150040 Rev 6 to Technical Instruction TI-50B, "ASME Section XI Preservice Insp Program, Unit 2."
GOULART, J. Tennessee Valley Authority. 84/10/02. 270pp. 27502:083. 24X Fiche: 50-390, 84/11/07, 8411150036.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411190058 Revised final Deficiency Rept NCR 5036 re dampers inadequately shown on design typical drawings. Initially reported on 830824. Util revising const drawings under Engineering Change Notice 4297.
MILLS, L.M. Tennessee Valley Authority. 84/09/24. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27568:005. 24X Fiche: 50-390, 84/09/24, 8411190058.

8411190120 Final Deficiency Rept NCR W-183-P re improperly spaced Class II & III fire hose racks. Initially reported on 840730. Addl fire hose lengths will be installed per Engineering Change Notice 5106 w/ completion by 841005.
MILLS, L.M. Tennessee Valley Authority. 84/09/27. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27568:010. 24X Fiche: 50-390, 84/09/27, 8411190120.

8411190125 Final Deficiency Rept NCR 5760 re spurious valve operation due to fire damage. Initially reported on 840730. Special engineering procedure issued to provide framework & requirements for performing analysis & review.
MILLS, L.M. Tennessee Valley Authority. 84/09/27. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27567:361. 24X Fiche: 50-390, 84/09/27, 8411190125.

8411190135 Rev 1 to final Deficiency Rept NCR 5737 re discrepancies between cable tray supports & support drawings. Initially reported on 840725. Detailed walkdown of cable tray supports completed.
MILLS, L.M. Tennessee Valley Authority. 84/09/27. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27567:338. 24X Fiche: 50-390, 84/09/27, 8411190135.

8411010077 Final deficiency rept re conduit support data not provided for some areas with conduit installed. Initially reported on 840424. Allowable span lengths & support loads developed for conduits in auxiliary, reactor & diesel generator bldgs.
MILLS, L.M. Tennessee Valley Authority. 84/10/17. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27249:360. 24X Fiche: 50-390, 84/10/17, 8411010077.

8411010196 First interim deficiency rept re OH Bettis valve actuator problems. Initially reported on 840917. Caused by swelled ethylene propylene seals. Also reportable per Part 21. Next rept will be submitted by 841130.
MILLS, L.M. Tennessee Valley Authority. 84/10/17. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27249:342. 24X Fiche: 50-390, 84/10/17, 8411010196.

8411010316 Fourth interim deficiency rept re peak containment temp. Initially reported on 831229. Preliminary test results indicate current analytical techniques used to yield plant containment temp conservative. Also reportable per Part 21.
MILLS, L.M. Tennessee Valley Authority. 84/10/17. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27249:309. 24X Fiche: 50-390, 84/10/17, 8411010316.

8411010094 Final deficiency rept re unacceptable foam plastic insulation on spent fuel cooling sys. Initially reported on 840919. Insulation will be removed, components cleaned & new insulation installed per revised drawings.
MILLS, L.M. Tennessee Valley Authority. 84/10/19. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27250:087. 24X Fiche: 50-390, 84/10/19, 8411010094.

DOCKETED ITEMS

8411210274 Second interim deficiency rept re inadequate separation of shutdown sys cables. Initially reported on 840730. Reported corrective action may no longer be accurate due to changes in 10CFR50, App R. Next rept will be submitted by 850125. MILLS, L.M. Tennessee Valley Authority. 84/10/25. O'REILLY, J.P. Region 2, Office of Director. 1p. 27617:065. 24X Fiche: 50-390, 84/10/25, 8411210274.

8411200482 Suppl to revised final rept re corrosion of carbon steel piping in ERCW sys. Initially reported on 801230. Corrective actions will be completed before performing Preoperational Test TVA-18C. MILLS, L.M. Tennessee Valley Authority. 84/10/26. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27586:219. 24X Fiche: 50-390, 84/10/26, 8411200482.

8411160211 Final Deficiency Rept NRC W-195-P & Part 21 rept re failure of ERCW shaft. Initially reported on 840829. Mod of pump shaft ends planned. MILLS, L.M. Tennessee Valley Authority. 84/11/02. O'REILLY, J.P. Region 2, Office of Director. 6pp. 27545:178. 24X Fiche: 50-390, 84/11/02, 8411160211.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Rustin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411290270 First interim deficiency rept re destruction of EDS support design calculations. Initially reported on 841010. Sampling program of supports lacking design calculations initiated. Next rept will be submitted by 841221. HUPHAM, J.W. Tennessee Valley Authority. 84/11/06. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27718:348. 24X Fiche: 50-390, 84/11/06, 8411290270.

V. Operator Examinations

8411020124 Staff requirements memo re Commission 841022 briefing in Washington, DC re status of near-term DLs & Asselstine request for info on status of operator training & operator exams. CHILK, S.J. Office of the Secretary of the Commission. 84/10/24. DIRCKS, M.J. Office of the Executive Director for Operations. 1p. 27262:286. 24X Fiche: 50-000, 84/10/24, 8411020124.

8411130542 Forwards Exam Rept 50-390/DL-84-02 administered on 840625-29. VERRELLI, D.M. Region 2, Office of Director. 84/10/24. PARRIS, H.G. Tennessee Valley Authority. 3pp. 27462:217. 24X Fiche: 50-390, 84/10/24, 8411130542.

8411130548 Exam Rept 50-390/DL-84-02 on 840625-29. Exam results: 10 of 11 candidates passed oral exams & 9 of 12 passed written exams. MORRIS, T.L., WILSON, E.A. Region 2, Office of Director. 84/10/18. 76pp. 27462:220. 24X Fiche: 50-390, 84/10/24, 8411130548.

DOCKET 50-391 WATTS BAR NUCLEAR PLANT, UNIT 2

A. Application/construction stage documents & correspondence

8411060129 Forwards response to TM Novak 840910 ltr re potential boron dilution events. Encl provides basis for compliance w/NRC position. MILLS, L.M. Tennessee Valley Authority. 84/10/02. ADENSA, E. Licensing Branch 4. 4pp. 27322:246. 24X Fiche: 50-390, 84/10/02, 8411060129.

8411010054 Forwards summary of 840926 meeting w/util in Atlanta. GA re util GA reorganization. Attendee list encl. LEWIS, R.C. Region 2, Office of Director. 84/10/09. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27250:198. 24X Fiche: 50-000, 84/10/09, 8411010054.

8411130279 Advises that GA program submitted on 830711 satisfies requirements of 10CFR50, App B & acceptable. LEWIS, R.C. Region 2, Office of Director. 84/10/12. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27528:298. 24X Fiche: 50-000, 84/10/12, 8411130279.

8411160162 Forwards Rev 8 to "GA Program Description for Design, Const & Operation of TVA Nuclear Power Plants," reflecting organizational changes in program. MILLS, L.M. Tennessee Valley Authority. 84/10/22. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27537:331. 24X Fiche: 50-000, 84/10/22, 8411160162.

8411160177 Rev 8 to "GA Program Description for Design, Const & Operation of TVA Nuclear Power Plants." * Tennessee Valley Authority. TVA-TR75-1A R08. 84/10/22. 239pp. 27537:333. 24X Fiche: 50-000, 84/10/22, 8411160162.

8411150240 Forwards summary of 841016 meeting w/util re functions of nuclear safety review staff. Attendance list & "Summary Description of Activities of TVA Nuclear Safety Review Staff" encl. LEWIS, R.C. Region 2, Office of Director. 84/10/26. PARRIS, H.G. Tennessee Valley Authority. 20pp. 27529:299. 24X Fiche: 50-000, 84/10/26, 8411150240.

8411050414 Forwards response to NRC 840822 request for addl info re use of deep draft pumps. Rev 5 to General Operating Instruction G01-7, "Generic Equipment Operating Guidelines" & Rev 7 to SI-7.50 "High Pressure..." encl. MILLS, L.M. Tennessee Valley Authority. 84/10/30. ADENSA, E. Licensing Branch 4. 6pp. 27297:123. 24X Fiche: 50-390, 84/10/30, 8411050414.

8411050417 Rev 5 to General Operating Instruction G01-7, "Generic Equipment Operating Guidelines." COOK, C.R. Tennessee Valley Authority. 84/07/11. 3pp. 27297:129. 24X Fiche: 50-390, 84/10/30, 8411050414.

8411050421 Rev 7 to Surveillance Instruction SI-7.50, "High Pressure Fire Protection Pumps." JOHNSON, G.L. Tennessee Valley Authority. 84/09/25. 19pp. 27297:132. 24X Fiche: 50-390, 84/10/30, 8411050414.

8411190348 Forwards detailed justification in support of 840619 request for exemption from quarterly testing requirements of Tech Spec 4.3.2.1 re ESF actuation sys slave relays. W/ two oversize drawings. Aperture cards in PDR. DOHER, J.A. Tennessee Valley Authority. 84/11/09. ADENSA, E. Licensing Branch 4. 7pp. 27550:155. 24X Fiche: 50-390, 84/11/09, 8411190348.

8411190353 Proposed Tech Spec re ESF actuation sys instrumentation surveillance requirements. * Tennessee Valley Authority. 84/11/09. 3pp. 27550:162. 24X Fiche: 50-390, 84/11/09, 8411190348.

8411260374 Requests extension of CPPR-91 to Sept 1985 & CPPR-92 to Sept 1987 due to delays in completion of piping analysis, hanger design & installation, work in preoperational test program & resolution of deficiencies. DOHER, J.A. Tennessee Valley Authority. 84/11/19. ADENSA, E. Licensing Branch 4. 2pp. 27611:240. 24X Fiche: 50-390, 84/11/19, 8411260374.

8411280183 Forwards Rev 1 to "Startup Test Program Master Sequence," per 841106 telcon. Listed addl info will be included in Amend 54 to FSAR. DOHER, J.A. Tennessee Valley Authority. 84/11/20. ADENSA, E. Licensing Branch 4. 1p. 27666:006. 24X Fiche: 50-390, 84/11/20, 8411280183.

8411280191 Rev 1 to SU-1.1, "Startup Test Program Master Sequence." WARREN, R.L., JONES, M.M. Tennessee Valley Authority. 84/06/12. 39pp. 27666:007. 24X Fiche: 50-390, 84/11/20, 8411280183.

E. NRC Safety Evaluation Report (SER), supp's & correspondence

8411010124 Advises that SER License Condition 17 re PORV & block valve emergency power provides for one path w/valve motive power in event of single event. NOVAK, T.M. Assistant Director for Licensing. 84/10/24. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27271:361. 24X Fiche: 50-390, 84/10/24, 8411010124.

F. Security, medical, emergency & fire protection plans

8411080315 "Watts Bar Nuclear Plant Radiological Emergency Exercise Scenario." * Tennessee Valley Authority. * Tennessee, State of. 84/09/30. 318pp. 27390:096. 24X Fiche: 50-390, 84/09/30, 8411080315.

8411140461 Forwards Insp Repts 50-390/84-69 & 50-391/84-50 on 840910-13. No violations or deviations noted. VERRELLI, D.M. Region 2, Office of Director. 84/10/02. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27494:080. 24X Fiche: 50-390, 84/10/02, 8411140461.

8411140469 Insp Repts 50-390/84-69 & 50-391/84-50 on 840910-13. No violations or deviations noted. Major areas inspected: emergency preparedness exercise. DECKER, T.R. Region 2, Office of Director. 84/10/02. 8pp. 27494:082. 24X Fiche: 50-390, 84/10/02, 8411140461.

8411010099 Forwards FEMA Region IV ltr to director of State of TN Emergency Mgt Agency re 840911-12 emergency exercise, stating need for revised public info program & need for remedial drill to test program adequacy. W/o encl.
LEWIS, R.C. Region 2, Office of Director. 84/10/05. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27250:004. 24X
Fiche: 50-390, 84/10/05, 8411010099.

8411140530 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27495:212. 24X
Fiche: 50-000, 84/10/11, 8411140530.

8411050288 Revised Central Emergency Control Ctr Implementing Procedures IP-1 re transportation accident involving shipment of radwaste & IP-6 re alert, site area, emergency & general emergency. W/841030 ltr.
MILLS, L.M. Tennessee Valley Authority. 84/10/30. 16pp. 27301:323. 24X
Fiche: 50-000, 84/10/30, 8411050288.

8411050414 Forwards response to NRC 840822 request for addl info re use of deep draft pumps. Rev 5 to General Operating Instruction GDI-7, "Generic Equipment Operating Guidelines" & Rev 7 to SI-7.50 "High Pressure..." encl.
MILLS, L.M. Tennessee Valley Authority. 84/10/30. ADENSAH, E. Licensing Branch 4. 6pp. 27297:123. 24X
Fiche: 50-390, 84/10/30, 8411050414.

8411050421 Rev 7 to Surveillance Instruction SI-7.50, "High Pressure Fire Protection Pumps."
JOHNSON, G.L. Tennessee Valley Authority. 84/09/25. 19pp. 27297:132. 24X
Fiche: 50-390, 84/10/30, 8411050414.

8411260300 Rev 9 to radiological emergency plan. W/841116 ltr.
HUFHAM, J.W. Tennessee Valley Authority. 84/11/16. O'REILLY, J.P. Region 2, Office of Director. 11pp. 27612:322. 24X
Fiche: 50-390, 84/11/16, 8411260300.

G. Inspection reports, IE Bulletins & correspondence

8411140461 Forwards Insp Repts 50-390/84-69 & 50-391/84-50 on 840910-13. No violations or deviations noted.
VERRELL, I.D.M. Region 2, Office of Director. 84/10/02. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27494:080. 24X
Fiche: 50-390, 84/10/02, 8411140461.

8411140469 Insp Repts 50-390/84-69 & 50-391/84-50 on 840910-13. No violations or deviations noted. Major areas inspected: emergency preparedness exercise.
DECKER, T.R., CLINE, W.E. Region 2, Office of Director. 84/10/02. 8pp. 27494:082. 24X
Fiche: 50-390, 84/10/02, 8411140461.

8411140405 Forwards Insp Repts 50-390/84-68 & 50-391/84-49 on 840828-31. No violation or deviation noted.
VERRELL, I.D.M. Region 2, Office of Director. 84/10/04. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27495:001. 24X
Fiche: 50-390, 84/10/04, 8411140405.

8411140409 Insp Repts 50-390/84-68 & 50-391/84-49 on 840828-31. No violation or deviation noted. Major areas inspected: review of Black & Veatch independent design review & worker concerns.
GIBBONS, T.D., CONLON, T.E. Region 2, Office of Director. 84/09/27. 14pp. 27495:003. 24X
Fiche: 50-390, 84/10/04, 8411140405.

8411140309 Forwards Insp Repts 50-390/84-72 & 50-391/84-52 on 840917-21. No violation or deviation noted.
VERRELL, I.D.M. Region 2, Office of Director. 84/10/09. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27491:277. 24X
Fiche: 50-390, 84/10/09, 8411140309.

8411140316 Insp Repts 50-390/84-72 & 50-391/84-52 on 840917-21. No violation or deviation noted. Major areas inspected: action on previous insp enforcement matters, followup on previous insp items & licensee identified 10CFR50.55(e) items.
WRIGHT, R.W., UPRIGHT, C.M. Region 2, Office of Director. 84/10/04. 5pp. 27491:279. 24X
Fiche: 50-390, 84/10/09, 8411140309.

8411140297 Ack receipt of 840928 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-390/84-37 & 50-391/84-31.
LEWIS, R.C. Region 2, Office of Director. 84/10/19. PARRIS, H.G. Tennessee Valley Authority. 1p. 27491:284. 24X
Fiche: 50-390, 84/10/19, 8411140297.

8411140301 Responds to NRC 840726 ltr re violations noted in Insp Repts 50-390/84-37 & 50-391/84-31. Corrective actions: administrative instructions revised & operations personnel trained in proper implementation of AI-2.19.
MILLS, L.M. Tennessee Valley Authority. 84/09/28. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27491:285. 24X
Fiche: 50-390, 84/10/19, 8411140297.

8411140305 Forwards Insp Repts 50-390/84-37 & 50-391/84-31 on 840525-0623 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/07/26. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27491:288. 24X
Fiche: 50-390, 84/10/19, 8411140297.

8411140312 Insp Repts 50-390/84-37 & 50-391/84-31 on 840525-0623. Violations noted: failure to follow configuration control procedures, inadequate clearance procedure & failure to perform step in maint procedure.
SHYLOCK, M.B., SWAN, W.B., HOLLAND, W.E. Region 2, Office of Director. 84/07/13. 17pp. 27491:292. 24X
Fiche: 50-390, 84/10/19, 8411140297.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
ORACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X
Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X
Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:199. 24X
Fiche: 50-000, 84/11/05, 8411010487.

8411150036 Forwards relief request Inservice Insp-10 re regenerative HX. Rev 6 to TI-50B, "ASME Section XI Preservice Insp Program, Unit 2." also encl.
SHELL, R.H. Tennessee Valley Authority. 84/11/07. ADENSAH, E. Licensing Branch 4. 5pp. 27502:079. 24X
Fiche: 50-390, 84/11/07, 8411150036.

8411150040 Rev 6 to Technical Instruction TI-50B, "ASME Section XI Preservice Insp Program, Unit 2."
GOULART, J. Tennessee Valley Authority. 84/10/02. 270pp. 27502:083. 24X
Fiche: 50-390, 84/11/07, 8411150036.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X
Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X
Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X
Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X
Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411190058 Revised final Deficiency Rept NCR 5036 re dampers inadequately shown on design typical drawings. Initially reported on 830824. Util revising const drawings under Engineering Change Notice 4297.
MILLS, L.M. Tennessee Valley Authority. 84/09/24. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27548:005. 24X
Fiche: 50-390, 84/09/24, 8411190058.

DOCKETED ITEMS

B411190120 Final Deficiency Rept NCR W-183-P re improperly spaced Class II & III fire hose racks. Initially reported on 840730. Add'l fire hose lengths will be installed per Engineering Change Notice 5106 w/completion by 841005. MILLS, L. M. Tennessee Valley Authority. 84/09/27. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27568:010. 24X Fiche: 50-390, 84/09/27, 8411190120.

B411190125 Final Deficiency Rept NCR 5760 re spurious valve operation due to fire damage. Initially reported on 840730. Special engineering procedure issued to provide framework & requirements for performing analysis & review. MILLS, L. M. Tennessee Valley Authority. 84/09/27. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27567:361. 24X Fiche: 50-390, 84/09/27, 8411190125.

B411190135 Rev 1 to final Deficiency Rept NCR 5737 re discrepancies between cable tray supports & support drawings. Initially reported on 840725. Detailed walkdown of cable tray supports completed. MILLS, L. M. Tennessee Valley Authority. 84/09/27. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27567:338. 24X Fiche: 50-390, 84/09/27, 8411190135.

B411010077 Final deficiency rept re conduit support data not provided for some areas with conduit installed. Initially reported on 840424. Allowable span lengths & support loads developed for conduits in auxiliary reactor & diesel generator bldgs. MILLS, L. M. Tennessee Valley Authority. 84/10/17. O'REILLY, J. P. Region 2, Office of Director. 4pp. 27249:360. 24X Fiche: 50-390, 84/10/17, 8411010077.

B411010196 First interim deficiency rept re OH Bettis valve actuator problems. Initially reported on 840917. Caused by swelled ethylene propylene seals. Also reportable per Part 21. Next rept will be submitted by 841130. MILLS, L. M. Tennessee Valley Authority. 84/10/17. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27249:342. 24X Fiche: 50-390, 84/10/17, 8411010196.

B411010316 Fourth interim deficiency rept re peak containment temp. Initially reported on 831229. Preliminary test results indicate current analytical techniques used to yield plant containment temp conservative. Also reportable per Part 21. MILLS, L. M. Tennessee Valley Authority. 84/10/17. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27249:309. 24X Fiche: 50-390, 84/10/17, 8411010316.

B411010094 Final deficiency rept re unacceptable foam plastic insulation on spent fuel cooling sys. Initially reported on 840919. Insulation will be removed, components cleaned & new insulation installed per revised drawings. MILLS, L. M. Tennessee Valley Authority. 84/10/19. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27250:087. 24X Fiche: 50-390, 84/10/19, 8411010094.

B411210274 Second interim deficiency rept re inadequate separation of shutdown sys cables. Initially reported on 840730. Reported corrective action may no longer be accurate due to changes in 10CFR50, App R. Next rept will be submitted by 850125. MILLS, L. M. Tennessee Valley Authority. 84/10/25. O'REILLY, J. P. Region 2, Office of Director. 1p. 27617:065. 24X Fiche: 50-390, 84/10/25, 8411210274.

B411200482 Suppl to revised final rept re corrosion of carbon steel piping in ERCW sys. Initially reported on 801230. Corrective actions will be completed before performing Preoperational Test TVA-18C. MILLS, L. M. Tennessee Valley Authority. 84/10/26. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27586:219. 24X Fiche: 50-390, 84/10/26, 8411200482.

B411160180 Fourth interim deficiency & Part 21 rept re Limitorgue GA program. Initially reported on 831115. Reaudit of vendor GA program conducted on 841009-13. Completion of corrective action anticipated by Jan 1985. Next rept expected by 850327. MILLS, L. M. Tennessee Valley Authority. 84/11/01. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27543:356. 24X Fiche: 50-000, 84/11/01, 8411160180.

B411160211 Final Deficiency Rept NRC W-195-P & Part 21 rept re failure of ERCW shaft. Initially reported on 840829. Mod of pump shaft ends planned. MILLS, L. M. Tennessee Valley Authority. 84/11/02. O'REILLY, J. P. Region 2, Office of Director. 6pp. 27543:178. 24X Fiche: 50-390, 84/11/02, 8411160211.

B411190324 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190324.

B411290270 First interim deficiency rept re destruction of EDS support design calculations. Initially reported on 841010. Sampling program of supports lacking design calculations initiated. Next rept will be submitted by 841221. HUFHAM, J. W. Tennessee Valley Authority. 84/11/06. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27718:348. 24X Fiche: 50-390, 84/11/06, 8411290270.

B411290315 Seventh interim deficiency rept re discrepancy in as-built vs as-analyzed piping sys. Initially reported on 810226. Schedule for completion revised due to allocation of engineering resources required. Next rept by 860117. HUFHAM, J. W. Tennessee Valley Authority. 84/11/06. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27718:346. 24X Fiche: 50-391, 84/11/06, 8411290315.

V. Operator Examinations

B411020124 Staff requirements memo re Commission 841022 briefing in Washington, DC re status of near-term DLs & Asselstine request for info on status of operator training & operator exams. CHILK, S. J. Office of the Secretary of the Commission. 84/10/24. DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27262:286. 24X Fiche: 50-000, 84/10/24, 8411020124.

DOCKET 50-395 VIRGIL C. SUMMER NUCLEAR STATION, UNIT 1

F. Security, medical, emergency & fire protection plans

B411010621 Forwards summary of 840828 meeting re security requirements on upcoming const activity. Meeting beneficial & provided understanding of proposed mods & security options. List of attendees encl. LEWIS, R. C. Region 2, Office of Director. 84/09/17. DIXON, D. W. South Carolina Electric & Gas Co. 3pp. 27246:045. 24X Fiche: 50-395, 84/09/17, 8411010621.

B411140604 Requests that 20-day submittal of annual emergency exercise scenario be eliminated. Detailed exercise scenario w/all controller info should be submitted in accordance w/45-day schedule. No change needed to 75-day schedule. LEWIS, R. C. Region 2, Office of Director. 84/10/11. DIXON, D. W. South Carolina Electric & Gas Co. 2pp. 27495:108. 24X Fiche: 50-395, 84/10/11, 8411140604.

B411150238 Discusses SALP Rept 50-395/84-22. Major strengths identified in areas of radiological controls, maint, emergency preparedness & security & safeguards. No major weaknesses identified. O'REILLY, J. P. Region 2, Office of Director. 84/10/18. DIXON, D. W. South Carolina Electric & Gas Co. 2pp. 27529:230. 24X Fiche: 50-395, 84/10/18, 8411150238.

--B411150245 Forwards SALP Rept 50-395/84-22 for Mar 1983 - June 1984. Licensee advised to contact NRC within 10 days of ltr date to discuss need for meeting. Evaluation included plant operations, fire protection & emergency preparedness. LEWIS, R. C. Region 2, Office of Director. 84/09/17. DIXON, D. W. South Carolina Electric & Gas Co. 2pp. 27529:234. 24X Fiche: 50-395, 84/10/18, 8411150238.

--B411150252 SALP Rept 50-395/84-22 for Mar 1983 - June 1984. * Region 2, Office of Director. 84/09/17. 23pp. 27529:236. 24X Fiche: 50-395, 84/10/18, 8411150238.

B411020164 Forwards Rev 14 to EP-100, "Radiation Emergency Plan," reflecting changes for onsite & offsite emergency organizations & on-shift staffing requirements for shift technical advisors. Instruction info & checklist provided. DIXON, D. W. South Carolina Electric & Gas Co. 84/10/26. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27259:249. 24X Fiche: 50-395, 84/10/26, 8411020164.

--B411020169 Rev 14 to EP-100, "Radiation Emergency Plan." BEALE, K. E. South Carolina Electric & Gas Co. 84/10/31. 5pp. 27259:252. 24X Fiche: 50-395, 84/10/26, 8411020164.

B411020228 Rev 6 to Emergency Plan Procedure EPP-016, "Emergency Facilities Activation & Evacuation" & Rev 4 to EPP-022, "Verification of Communications Operability." W/841026 ltr. BRADHAM, D. S., BLUE, L. A., DIXON, D. W. South Carolina Electric & Gas Co. 84/10/26. O'REILLY, J. P. Region 2, Office of Director. 42pp. 27255:134. 24X Fiche: 50-395, 84/10/26, 8411020228.

DOCKETED ITEMS

231

P. Operating license stage documents & correspondence

8411010201 Forwards Amend 29 to License NPF-12 & safety evaluation. Amend deletes License Condition 2.C.(15) which requires control room installation of RHR sys suction isolation valve power lockout capability. ADENSAM, E.G. Licensing Branch 4. 84/10/15. DIXON, D.W. South Carolina Electric & Gas Co. 3pp. 27265:313. 24X Fiche: 50-395, 84/10/15, 8411010201.

--8411010209 Amend 29 to License NPF-12, deleting License Condition 2.C.(15) which requires control room installation of RHR sys suction isolation valve power lockout capability. EISENHUT, D.G. Division of Licensing. 84/10/15. 2pp. 27265:316. 24X Fiche: 50-395, 84/10/15, 8411010201.

--8411010222 Safety evaluation supporting Amend 29 to License NPF-12. * Office of Nuclear Reactor Regulation, Director. 84/10/15. 2pp. 27265:318. 24X Fiche: 50-395, 84/10/15, 8411010201.

8411090376 Forwards SER & notice granting relief from requirements of ASME Code Section XI re hydrostatic testing after mods to ASME Code Class 2 piping. NOVAK, T.M. Assistant Director for Licensing. 84/10/23. DIXON, D.W. South Carolina Electric & Gas Co. 2pp. 27424:052. 24X Fiche: 50-395, 84/10/23, 8411090376.

--8411090380 SER granting 840801 relief request from ASME Code Section XI requirements re hydrostatic testing after mods to ASME Code Class 2 piping. * NRC - No Detailed Affiliation Given. 84/10/23. 3pp. 27424:054. 24X Fiche: 50-395, 84/10/23, 8411090376.

--8411090381 Notice of granting of relief from ASME Code Section XI inservice hydrostatic testing requirements. ADENSAM, E.G. Licensing Branch 4. 84/10/23. 3pp. 27424:057. 24X Fiche: 50-395, 84/10/23, 8411090376.

8411060124 Forwards Amend 31 to License NPF-12 & safety evaluation. Amend modifies Tech Specs to add addl valves to Table 3.82, "Motor Operated Valves Thermal Overload &/or Bypass Devices." ADENSAM, E.G. Licensing Branch 4. 84/10/24. DIXON, D.W. South Carolina Electric & Gas Co. 3pp. 27383:262. 24X Fiche: 50-395, 84/10/24, 8411060124.

--8411060131 Amend 31 to License NPF-12, modifying Tech Specs to add addl valves to Table 3.82, "Motor Operated Valves Thermal Overload &/or Bypass Devices." ADENSAM, E.G. Licensing Branch 4. 84/10/24. 5pp. 27383:264. 24X Fiche: 50-395, 84/10/24, 8411060124.

--8411060136 Safety evaluation supporting Amend 31 to License NPF-12. * Office of Nuclear Reactor Regulation, Director. 84/10/24. 2pp. 27383:269. 24X Fiche: 50-395, 84/10/24, 8411060124.

8411060186 Forwards Amend 30 to License NPF-12 & safety evaluation. Amend modifies Tech Specs to add addl containment penetration conductor overcurrent protection devices to Table 3.8-1 & corrects typos. ADENSAM, E.G. Licensing Branch 4. 84/10/24. DIXON, D.W. South Carolina Electric & Gas Co. 3pp. 27349:342. 24X Fiche: 50-395, 84/10/24, 8411060186.

--8411060193 Amend 30 to License NPF-12, modifying Tech Specs to add addl containment penetration conductor overcurrent protection devices to Table 3.8-1 & corrects typos. ADENSAM, E.G. Licensing Branch 4. 84/10/24. 8pp. 27349:344. 24X Fiche: 50-395, 84/10/24, 8411060186.

--8411060199 Safety evaluation supporting Amend 30 to License NPF-12. * Office of Nuclear Reactor Regulation, Director. 84/10/24. 2pp. 27349:352. 24X Fiche: 50-395, 84/10/24, 8411060186.

8411060167 Responds to request for addl info re 840619 application for amend to Tech Specs, changing measurement uncertainty for RCS flow rate & defined allowable power levels for flow rate less than 100% thermal design flow. DIXON, D.W. South Carolina Electric & Gas Co. 84/10/30. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27323:005. 24X Fiche: 50-395, 84/10/30, 8411060167.

8411150057 Clarifies two points in util 840606 ltr re components being relocated from skid-mounted control panels & location of one instrument stand. Upon completion of mods, License Condition 2.C.19 will be satisfied. DIXON, D.W. South Carolina Electric & Gas Co. 84/11/08. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27503:140. 24X Fiche: 50-395, 84/11/08, 8411150057.

8411200406 Forwards Amend 32 to License NPF-12 & safety evaluation. Amend modifies Tech Spec Tables 3.3-7 & 4.3-4 to allow installed triaxial peak accelerometer to be moved to accumulator safety injection line. ADENSAM, E.G. Licensing Branch 4. 84/11/08. DIXON, D.W. South Carolina Electric & Gas Co. 3pp. 27598:238. 24X Fiche: 50-395, 84/11/08, 8411200406.

--8411200412 Amend 32 to License NPF-12, modifying Tech Spec Tables 3.3-7 & 4.3-4 to allow installed triaxial peak accelerometer to be moved to accumulator safety injection line from pressurizer surge line. ADENSAM, E.G. Licensing Branch 4. 84/11/08. 7pp. 27598:241. 24X Fiche: 50-395, 84/11/08, 8411200406.

--8411200417 Safety evaluation supporting Amend 32 to License NPF-12. * Office of Nuclear Reactor Regulation, Director. 84/11/08. 2pp. 27598:248. 24X Fiche: 50-395, 84/11/08, 8411200406.

8411190310 Responds to 841009 questions re 840824 request for rev to Tech Specs for steam generator 10-10 level & overtemp delta-T reactor trip setpoints. DIXON, D.W. South Carolina Electric & Gas Co. 84/11/14. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 5pp. 27553:342. 24X Fiche: 50-395, 84/11/14, 8411190310.

8411280398 Requests addl info re 840928 radial peaking factor limit rept for Cycle 2. Plotted graph of predicted vs axial core height requested. ADENSAM, E.G. Licensing Branch 4. 84/11/19. DIXON, D.W. South Carolina Electric & Gas Co. 2pp. 27682:035. 24X Fiche: 50-395, 84/11/19, 8411280398.

Q. Inspection reports, IE Bulletins & correspondence

8411140239 Forwards Insp Rept 50-395/84-26 on 840911-14. No violations or deviations noted. VERRELL, D.M. Region 2, Office of Director. 84/10/01. DIXON, D.W. South Carolina Electric & Gas Co. 2pp. 27491:311. 24X Fiche: 50-395, 84/10/01, 8411140239.

--8411140246 Insp Rept 50-395/84-26 on 840911-14. No violations or deviations noted. Major areas inspected: licensee action on previous insp findings, maint scheduling & planning & spent fuel storage racks. GIRARD, E.H., BLAKE, J.J. Region 2, Office of Director. 84/09/27. 7pp. 27491:313. 24X Fiche: 50-395, 84/10/01, 8411140239.

8411140255 Forwards Insp Rept 50-395/84-28 on 840910-13. No violations or deviations noted. VERRELL, D.M. Region 2, Office of Director. 84/10/01. DIXON, D.W. South Carolina Electric & Gas Co. 2pp. 27491:334. 24X Fiche: 50-395, 84/10/01, 8411140255.

--8411140265 Insp Rept 50-395/84-28 on 840910-13. No violations or deviations noted. Major areas inspected: spent fuel activity & independent insp effort. MATHIS, J.L., JAPE, F. Region 2, Office of Director. 84/09/26. 5pp. 27491:336. 24X Fiche: 50-395, 84/10/01, 8411140255.

8411140026 Ack receipt of 840925 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-395/84-23. LEWIS, R.C. Division of Project & Resident Programs. 84/10/12. DIXON, D.W. South Carolina Electric & Gas Co. 1p. 27493:352. 24X Fiche: 50-395, 84/10/12, 8411140026.

--8411140034 Responds to NRC 840827 ltr re violations noted in Insp Rept 50-395/84-23. Corrective actions: locking device installed on NaOH tank sample isolation Valve XVT-3016 & locked valve control program reviewed by chemistry personnel. DIXON, D.W. South Carolina Electric & Gas Co. 84/09/25. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27493:353. 24X Fiche: 50-395, 84/10/12, 8411140026.

--8411140038 Forwards Insp Rept 50-395/84-23 on 840701-31 & notice of violation. LEWIS, R.C. Region 2, Office of Director. 84/08/27. DIXON, D.W. South Carolina Electric & Gas Co. 2pp. 27493:356. 24X Fiche: 50-395, 84/10/12, 8411140026.

--8411140042 Notice of violation from insp on 840701-31. * Region 2, Office of Director. 84/08/27. 1p. 27493:358. 24X Fiche: 50-395, 84/10/12, 8411140026.

--8411140049 Insp Rept 50-395/84-23 on 840701-31. Violation noted: failure to adequately implement locked valve program. MEHL, C., BRADFORD, W. Region 2, Office of Director. CANTRELL, F. Division of Project & Resident Programs. 84/08/27. 5pp. 27493:359. 24X Fiche: 50-395, 84/10/12, 8411140026.

DOCKETED ITEMS

8411150238 Discusses SALP Rept 50-395/84-22. Major strengths identified in areas of radiological controls, maint, emergency preparedness & security & safeguards. No major weaknesses identified.
O'REILLY, J.P. Region 2, Office of Director. 84/10/18. DIXON, D.W. South Carolina Electric & Gas Co. 2pp. 27529:230. 24X Fiche: 50-395, 84/10/18, 8411150238.

—8411150241 Ack receipt of SALP Rept 50-395/84-22 for Mar 1983 to June 1984. Findings acceptable & no comments offered. Meeting to discuss results not considered necessary.
DIXON, D.W. South Carolina Electric & Gas Co. 84/09/27. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27529:232. 24X Fiche: 50-395, 84/10/18, 8411150238.

—8411150245 Forwards SALP Rept 50-395/84-22 for Mar 1983 - June 1984. Licensee advised to contact NRC within 10 days of ltr date to discuss need for meeting. Evaluation included plant operations, fire protection & emergency preparedness.
LEWIS, R.C. Region 2, Office of Director. 84/09/17. DIXON, D.W. South Carolina Electric & Gas Co. 2pp. 27529:234. 24X Fiche: 50-395, 84/10/18, 8411150238.

—8411150252 SALP Rept 50-395/84-22 for Mar 1983 - June 1984. * Region 2, Office of Director. 84/09/17. 23pp. 27529:236. 24X Fiche: 50-395, 84/10/18, 8411150238.

8410250031 IE Info Notice 84-77. "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411260242 Requests that quality of Bahnson HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnson equipment.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27619:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

R. Periodic operating reports & related correspondence

8411150273 Monthly operating rept for Sept 1984. W/841005 ltr. LIOGNON, G.A., DIXON, D.W. South Carolina Electric & Gas Co. 84/09/30. BARRY, L.W. Office of Resource Management, Director. 5pp. 27528:293. 24X Fiche: 50-395, 84/09/30, 8411150273.

S. Reportable occurrences, LERs & related correspondence

8411090370 LER 84-041-00: on 840928, reactor tripped from approx 10% power & intermediate range high flux bistable did not reset on decreasing power. Caused by operator error. Incident reviewed w/personnel. W/841026 ltr.
KODON, A.R., DIXON, D.W. South Carolina Electric & Gas Co. 84/10/26. 3pp. 27416:260. 24X Fiche: 50-395, 84/10/26, 8411090370.

841120056 LER 84-042-00: on 840928, while investigating event associated w/ radiation monitor RM-A4, discovered plant design may not satisfy intent of Tech Spec 3.3.2. "ESF Actuation Sys Instrumentation." Monitor returned to svc. W/841026 ltr.
KODON, A.R., DIXON, D.W. South Carolina Electric & Gas Co. 84/10/26. 3pp. 27436:357. 24X Fiche: 50-395, 84/10/26, 841120056.

8411160167 LER 84-042-00: on 841026, while investigating event associated w/ radiation monitor RM-A4, determined that plant design may not satisfy intent of Tech Spec 3.3.2 re ESF actuation sys instrumentation. W/841026 ltr.
KODON, A.R., DIXON, D.W. South Carolina Electric & Gas Co. 84/10/26. 3pp. 27545:332. 24X Fiche: 50-395, 84/10/26, 8411160167.

8411160155 Special Rept SPR-84-014: on 840930, RCS overpressure protection sys requirements could not be met. Caused by inoperability of PORV PCV-445A. Amend received allowing DHR relief valves to be used for RCS protections.
DIXON, D.W. South Carolina Electric & Gas Co. 84/10/29. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27545:330. 24X Fiche: 50-395, 84/10/29, 8411160155.

8411130369 LER 84-044-00: on 841002, following removal of two fuses from solid state protection sys cabinet XPN-7020, relay activated, causing Train A RHR suction isolation valves XV0-B702 A & B to close. Caused by drawing errors. W/841101 ltr.
KODON, A.R., DIXON, D.W. South Carolina Electric & Gas Co. 84/11/01. 3pp. 27459:012. 24X Fiche: 50-395, 84/11/01, 8411130369.

8411160175 Special Rept SPR 84-015: three fire barriers inoperable for more than 7 days. Caused by degradation of two barriers to provide access to reactor bldg & one barrier to facilitate cable routing.
DIXON, D.W. South Carolina Electric & Gas Co. 84/11/02. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27545:354. 24X Fiche: 50-395, 84/11/02, 8411160175.

8411260545 LER 84-031-01: on 840717, discovered seven electrical circuits penetrating containment not included in Tech Specs. Cause unknown. Plant and being processed to install overcurrent protection. W/841114 ltr.
KODON, A.R., DIXON, D.W. South Carolina Electric & Gas Co. 84/11/14. 2pp. 27645:005. 24X Fiche: 50-395, 84/11/14, 8411260545.

8411260552 LER 84-045-00: on 841018, power loss to 120-volt ac distribution panel APN-5901 deenergized solid state protection sys channel I. Caused by personnel error during performance of plant mod. W/841114 ltr.
KODON, A.R., DIXON, D.W. South Carolina Electric & Gas Co. 84/11/14. 4pp. 27644:299. 24X Fiche: 50-395, 84/11/14, 8411260552.

8411260352 Informs that in-house steam generator committee established for collecting & evaluating info available on design, operation, maint & insp of steam generators due to indication of steam generator tube leak.
DIXON, D.W. South Carolina Electric & Gas Co. 84/11/20. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27609:307. 24X Fiche: 50-395, 84/11/20, 8411260352.

DOCKET 50-397 WPPSS NUCLEAR PROJECT, UNIT 2

F. Security, medical, emergency & fire protection plans

8411210004 "Emergency Plan Implementing Procedures; Plant Procedures Manual Vol 13," Books 1-3.
MARTIN, J., ARISB, S. Washington Public Power Supply System. 84/10/18. 995pp. 27594:238. 24X Fiche: 50-397, 84/10/18, 8411210004.

8411280012 Forwards Insp Rept 50-397/84-29 on 840910-14 & 1001-05. No violation noted.
KIRSCH, D.F. Region 5, Office of Director. 84/11/02. SORENSON, G.C. Washington Public Power Supply System. 1p. 27685:212. 24X Fiche: 50-397, 84/11/02, 8411280012.

—8411280016 Insp Rept 50-397/84-29 on 840910-14 & 1001-05. No violation or deviation noted. Major areas inspected: housekeeping, fire protection & power ascension test results review.
WILLETT, D.J., KANDW, L.R., JOHNSON, P.H. Region 5, Office of Director. 84/11/01. 7pp. 27685:213. 24X Fiche: 50-397, 84/11/02, 8411280012.

8411200382 Forwards Rev B to physical security plan & Rev 4 to safeguards contingency plan. Revs withheld (ref 10CFR73.21). SORENSON, G.C. Washington Public Power Supply System. 84/11/09. SCHUSTER, M.D. Region 5, Office of Director. 2pp. 27572:143. 24X Fiche: 50-397, 84/11/09, 8411200382.

8411190377 Informs that emergency operating procedures guidelines generation package will be revised to provide specific identification of reactor pressure vessel water level instrumentation. SORENSON, G.C. Washington Public Power Supply System. 84/11/12. SCHWENGER, A. Licensing Branch 2. 1p. 27554:028. 24X Fiche: 50-397, 84/11/12, 8411190377.

I. Financial information

8409040220 Responds to FOIA request for 12 categories of documents re WPPSS. Forwards box of financial files. Review for addl records subj to request continuing. FELTON, J.M. Division of Rules and Records. WPPSS. 84/08/24. COHEN, B.K. Meredith & Cohen, P.C. 1p. 27060:004. 24X Fiche: 50-000, 84/08/24, 8409040220.

P. Operating license stage documents & correspondence

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re reactor vessel water level instrumentation in BWRs. Svc list encl. EISENHUT, D.G. Division of Licensing. 84/10/26. General Public Utilities - OPU Service Corp. 19pp. 27417:055. 24X Fiche: 50-000, 84/10/26, 8410290050.

8411200173 Discusses util approach to updating FSAR, per 10CFR50.71(e). Replacement pages will be provided in Dec 1985 to reflect as-built plant up to June 1985. Complete FSAR rewrite not necessary for recently licensed plants. SORENSON, G.C. Washington Public Power Supply System. 84/11/14. SCHWENGER, A. Licensing Branch 2. 2pp. 27577:250. 24X Fiche: 50-397, 84/11/14, 8411200173.

8411210165 Forwards full-size blue lines of 21 drawings contained in Section 6.0 of pump & valve test program in response to 841108 telcon between JL Page & TF Hoyle. W/o encl. SORENSON, G.C. Washington Public Power Supply System. 84/11/16. SCHWENGER, A. Licensing Branch 2. 1p. 27591:009. 24X Fiche: 50-397, 84/11/16, 8411210165.

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77. "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411160342 Forwards Insp Rept 50-397/84-28 on 841009-12. No violations noted. WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/26. SORENSON, G.C. Washington Public Power Supply System. 2pp. 27545:335. 24X Fiche: 50-397, 84/10/26, 8411160342.

8411160348 Insp Rept 50-397/84-28 on 841009-12. No violations or deviations noted. Major areas inspected: implementation of TMI Action Items II.B.3 & II.F.1-2 & followup on previous insp findings. SHERMAN, C.I., GARCIA, E.M., YUHAS, G.P. Region 5, Office of Director. 84/10/25. 3pp. 27545:337. 24X Fiche: 50-397, 84/10/26, 8411160348.

8411210167 Forwards Insp Rept 50-397/84-30 on 840920-21 & 1001-04. No violations noted. WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/29. SORENSON, G.C. Washington Public Power Supply System. 2pp. 27606:054. 24X Fiche: 50-397, 84/10/29, 8411210167.

8411210173 Insp Rept 50-397/84-30 on 840920-21 & 1001-04. No noncompliance noted. Major areas inspected: review of chemical & radiochemical procedures & practices & associated QA programs. HAMADA, G.H., YUHAS, G. Region 5, Office of Director. 84/10/26. 7pp. 27606:056. 24X Fiche: 50-397, 84/10/29, 8411210167.

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411210126 Forwards Insp Rept 50-397/84-26 on 840901-30. No violations noted. KIRSCH, D.F. Division of Resident/Reactor Project & Engineering Programs. 84/11/02. SORENSON, G.C. Washington Public Power Supply System. 1p. 27606:076. 24X Fiche: 50-397, 84/11/02, 8411210126.

8411210136 Insp Rept 50-397/84-26 on 840901-30. No violations or deviations noted. Major areas inspected: control room operations, ESF status, surveillance program, maint program, power ascension test program & LERs. TOTH, A.D., WAITE, R.S., JOHNSON, A.D. Region 5, Office of Director. 84/11/01. 12pp. 27606:077. 24X Fiche: 50-397, 84/11/02, 8411210126.

8411280012 Forwards Insp Rept 50-397/84-29 on 840910-14 & 1001-05. No violation noted. KIRSCH, D.F. Region 5, Office of Director. 84/11/02. SORENSON, G.C. Washington Public Power Supply System. 1p. 27685:212. 24X Fiche: 50-397, 84/11/02, 8411280012.

8411280016 Insp Rept 50-397/84-29 on 840910-14 & 1001-05. No violation or deviation noted. Major areas inspected: housekeeping, fire protection & power ascension test results review. WILLETT, D.J., KANDW, L.R., JOHNSON, P.H. Region 5, Office of Director. 84/11/01. 7pp. 27685:213. 24X Fiche: 50-397, 84/11/02, 8411280012.

8411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions. KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

8411050395 PNO-V-84-069 on 841028, plant scrambled due to 10-10 reactor vessel level signal. Caused by loss of feed pumps when condensate booster pumps tripped on low suction. All safety equipment functioned as designed. JOHNSON, P.H., WILLETT, D.J. Region 5, Office of Director. 84/10/29. 1p. 27297:100. 24X Fiche: 50-397, 84/10/29, 8411050395.

8411150320 LER 84-108-00 on 841006, licensed operator placed reactor mode switch in run mode. Procedure performed out of sequence, prior to ensuring pressure at rated conditions. Operators briefed on procedures. W/841101 ltr. KOENIGS, R.L., MARTIN, J.D. Washington Public Power Supply System. 84/11/01. 3pp. 27529:079. 24X Fiche: 50-397, 84/11/01, 8411150320.

8411150323 LER 84-107-00 on 841008, control room emergency filtration sys fan automatically started on hi chlorine signal. Caused by optics indicating lamp backing out of socket, cutting off light to photo cells. Light tightened. W/841101 ltr. KOENIGS, R.L., MARTIN, J.D. Washington Public Power Supply System. 84/11/01. 3pp. 27528:353. 24X Fiche: 50-397, 84/11/01, 8411150323.

DOCKETED ITEMS

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office. Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411200392 LER 84-112-00: on 841020, setpoint change incorrectly entered, resulting in reactor scram. Caused by poor visibility of digital electrohydraulic display. Maint work request issued to minimize glare & improve visibility. W/841108 ltr.
KOENIGS, R. L., MARTIN, J. D. Washington Public Power Supply System. 84/11/08. 3pp. 27585:010. 24X Fiche: 50-397, 84/11/08, 8411200392.

8411200394 LER 84-110-00: on 841003, two control room remote air intake valves for remote air intake 1 failed to close. Caused by failure of hydraulic cylinder seal. Valve actuators replaced. W/841108 ltr.
KOENIGS, R. L., MARTIN, J. D. Washington Public Power Supply System. 84/11/08. 4pp. 27585:013. 24X Fiche: 50-397, 84/11/08, 8411200394.

8411200434 LER 84-109-00: on 841013, while investigating high electrohydraulic fluid temps on main turbine, turbine governor & bypass valves observed oscillating. Caused by radio frequency interference. W/841108 ltr.
KOENIGS, R. L., MARTIN, J. D. Washington Public Power Supply System. 84/11/08. 3pp. 27584:297. 24X Fiche: 50-397, 84/11/08, 8411200434.

8411200440 LER 84-073-01: on 840708, spurious hi chlorine alarm from WDA-SR-15 caused control room emergency filtration sys to auto start. Caused by component failure in electronics module on chlorine analyzer. Alarm reset. W/841108 ltr.
KOENIGS, R. L., MARTIN, J. D. Washington Public Power Supply System. 84/11/08. 3pp. 27584:294. 24X Fiche: 50-397, 84/11/08, 8411200440.

8411270040 LER 84-113-00: on 841021, reactor protection sys (RPS) actuation occurred. Cause not stated. Reactor level restored, RPS trip signal reset & plant cooldown continued. W/841115 ltr.
KOENIGS, R. L., MARTIN, J. D. Washington Public Power Supply System. 84/11/15. 3pp. 27674:346. 24X Fiche: 50-397, 84/11/15, 8411270040.

8411270529 LER 84-116-00: on 841021, startup surveillance on APRMs revealed that neutron flux-high shutdown trip set beyond Tech Spec limits. Investigation initiated to determine cause. Trips reset. W/841115 ltr.
KOENIGS, R. L., MARTIN, J. D. Washington Public Power Supply System. 84/11/15. 4pp. 27674:099. 24X Fiche: 50-397, 84/11/15, 8411270529.

8411280008 LER 84-115-00: on 841023, automatic reactor protection sys trip occurred. Caused by increase in vessel level due to broken actuator & position feedback arm. Actuator removed & replaced w/stainless steel tube. W/841115 ltr.
KOENIGS, R. L., MARTIN, J. D. Washington Public Power Supply System. 84/11/15. 4pp. 27683:208. 24X Fiche: 50-397, 84/11/15, 8411280008.

8411280180 LER 84-111-00: on 841018, discovered battery surveillance test not performed. Caused by computer program being incorrectly set up. Computer program fault corrected & surveillance program reexamined. W/841115 ltr.
KOENIGS, R. L., MARTIN, J. D. Washington Public Power Supply System. 84/11/15. 4pp. 27684:347. 24X Fiche: 50-397, 84/11/15, 8411280180.

V. Operator Examinations

8411070098 Forwards Rev 1 to "WNP-2 Licensed Operator Requalification Program Description for WPPSS." Rev incorporates changes as result of telefaxed comments & 841001 telcon between MR Auluck & D Shum of NRC & MJ Wyrick & P Powell.
SORENSEN, G. C. Washington Public Power Supply System. 84/11/02. SCHWENGER, A. Licensing Branch 2. 2pp. 27364:046. 24X Fiche: 50-397, 84/11/02, 8411070098.

--8411070103 Rev 1 to "WNP-2 Licensed Operator Requalification Program Description for WPPSS."
WYRICK, J. E., STICKNEY, R. R., MARTIN, J. D. Washington Public Power Supply System. 84/10/17. 3pp. 27364:048. 24X Fiche: 50-397, 84/11/02, 8411070098.

DOCKET 50-400 SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

A. Application/construction stage documents & correspondence

Forwards proprietary WCAP-10665-P & nonproprietary --Core Axial Power Monitor. " Proprietary rept OCFR2. 790).
Westinghouse Electric Corp. 84/09/18. THOMAS, C. D. & Special Projects Branch. 2pp. 27435:307. 24X /09/18, 841120357.

--841120366 Submits application for withholding proprietary WCAP-10665-P, "Ex-Core Axial Power Monitor." per OCFR2. 790.
WIESEMANN, R. A. Westinghouse Electric Corp. 84/09/18. THOMAS, C. D. Standardization & Special Projects Branch. 8pp. 27435:309. 24X Fiche: 50-400, 84/09/18, 841120357.

--841120374 Nonproprietary "Ex-Core Axial Power Monitor."
CONNORS, G. R., GROBMYER, L. R., TULEY, C. R. Westinghouse Electric Corp. WCAP-10666. 84/09/30. 52pp. 27435:317. 24X Fiche: 50-400, 84/09/18, 841120357.

8411290004 Notification of 841107 meeting w/util & Westinghouse in Bethesda, MD to discuss environ qualification of Barton transmitters. Models 763 & 764.
BUCKLEY, B. C. Licensing Branch 3. 84/11/06. KNIGHTON, G. W. Licensing Branch 3. 4pp. 27700:310. 24X Fiche: 50-400, 84/11/06, 8411290004.

8411140370 Informs of confirmation w/Westinghouse that reactor trip setpoint methodology used for Shearon Harris same as for VC Summer. FSAR will be revised to reflect high pressure safety analysis limit of 2.445 psig.
ZIMMERMAN, S. R. Carolina Power & Light Co. 84/11/08. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27469:119. 24X Fiche: 50-400, 84/11/08, 8411140370.

E. NRC Safety Evaluation Report (SER), supplis & correspondence

8411070076 Forwards Amend 17 to FSAR for Shearon Harris Nuclear Power Plant. Amend incorporates info submitted in response to draft SER open items.
CUTTER, A. B. Carolina Power & Light Co. 84/11/01. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27361:094. 24X Fiche: 50-400, 84/11/01, 8411070076.

8411140242 Submits addl info re ex-core axial power distribution monitor in response to SER Confirmatory Item 9.
ZIMMERMAN, S. R. Carolina Power & Light Co. 84/11/07. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27469:286. 24X Fiche: 50-400, 84/11/07, 8411140242.

8411140286 Forwards addl info re control of min wall thickness in ASME Class 1, 2 & 3 piping sys at plant. Encl tables provide results of in situ exams of piping in RHR & component cooling water sys. Info resolves concerns re SER Open Item 4.
ZIMMERMAN, S. R. Carolina Power & Light Co. 84/11/07. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 3pp. 27469:024. 24X Fiche: 50-400, 84/11/07, 8411140286.

8411200258 Submits addl info re fire doors in response to SER Open Item 8 on fire protection. Two drawings withheld.
ZIMMERMAN, S. R. Carolina Power & Light Co. 84/11/08. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 14pp. 27569:015. 24X Fiche: 50-400, 84/11/08, 8411200258.

8411260268 Forwards response to SER Confirmatory Item 11 re pressure-temp curves. Present curves do not require rev.
ZIMMERMAN, S. R. Carolina Power & Light Co. 84/11/21. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27614:086. 24X Fiche: 50-400, 84/11/21, 8411260268.

F. Security, medical, emergency & fire protection plans

8411150104 Requests that 20-day submittal of annual emergency exercise scenario be eliminated. Detailed exercise scenario w/all controller info should be submitted in accordance w/45-day schedule. No change needed to 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. UTLEY, E. E. Carolina Power & Light Co. 2pp. 27529:360. 24X Fiche: 50-000, 84/10/11, 8411150104.

8411200258 Submits addl info re fire doors in response to SER Open Item 8 on fire protection. Two drawings withheld.
ZIMMERMAN, S. R. Carolina Power & Light Co. 84/11/08. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 14pp. 27569:015. 24X Fiche: 50-400, 84/11/08, 8411200258.

G. Adjudicatory correspondence

8411020061 Response to Contentions EPJ-1, EPJ-2 & EPJ-4 re changes to emergency planning interrogatories & request for production of documents. Affidavits & svc list encl. Related correspondence.
CARROW, H. Carolina Power & Light Co. #484 851. 84/10/29. 14pp. 27257:237. 24X Fiche: 50-400, 84/10/29, 8411020061.

8411020038 Response to applicant second set of emergency planning interrogatories. Certificate of Svc encl. Related correspondence.
EDDLEMAN, W. Eddleman, W. #484 845. 84/10/30. Carolina Power & Light Co. 3pp. 27257:171. 24X Fiche: 50-400, 84/10/30, 8411020038.

DOCKETED ITEMS

235

- 8411050461 Response to Conservation Council of North Carolina interrogatories & request for production of documents re first set of emergency planning contentions. Certificate of Svc encl. Related correspondence. CARRROW, H. Carolina Power & Light Co. #484 886. 84/10/31. Conservation Council of North Carolina. 13pp. 27298:001. 24X Fiche: 50-400, 84/10/31, 8411050461.
- 8411060491 Motion for summary disposition of Eddleman Contention 57-C-3 re offsite emergency planning. No genuine issue of matl fact exists & applicants entitled to favorable decision. Certificate of Svc encl. Related correspondence. RIDGWAY, D.A. Carolina Power & Light Co. RIDGWAY, D.A. North Carolina Municipal Power Agencies. RIDGWAY, D.A. Shaw, Pittman, Potts & Troubridge. #484 947. 84/11/02. Atomic Safety and Licensing Board Panel. 22pp. 27315:243. 24X Fiche: 50-400, 84/11/02, 8411060491.
- 8411060492 Statement of matl facts as to which there is no genuine issue. Related correspondence. RIDGWAY, D.A. Carolina Power & Light Co. RIDGWAY, D.A. North Carolina Municipal Power Agencies. RIDGWAY, D.A. Shaw, Pittman, Potts & Troubridge. 84/11/02. Atomic Safety and Licensing Board Panel. 8pp. 27315:264. 24X Fiche: 50-400, 84/11/02, 8411060491.
- 8411060496 Unexecuted affidavit of MR Bassiouni re Eddleman Contention 57-C-3 re siren notification sys. Related correspondence. BASSIOUNI, M.R. Carolina Power & Light Co. BASSIOUNI, M.R. North Carolina Municipal Power Agencies. BASSIOUNI, M.R. Acoustic Technology, Inc. 84/11/02. 12pp. 27315:272. 24X Fiche: 50-400, 84/11/02, 8411060491.
- 8411060498 Affidavit of JT Pugh re Eddleman Contention 57-C-3 re fixed siren sys. Related correspondence. PUGH, J.T. Carolina Power & Light Co. PUGH, J.T. North Carolina Municipal Power Agencies. PUGH, J.T. North Carolina, State of. 84/11/02. 14pp. 27315:284. 24X Fiche: 50-400, 84/11/02, 8411060491.
- 8411060501 Affidavit of DS Mileti on Eddleman Contention 57-C-3 re emergency planning/public response. Related correspondence. MILETI, D.S. Carolina Power & Light Co. MILETI, D.S. North Carolina Municipal Power Agencies. MILETI, D.S. Colorado State Univ., Fort Collins, CO. 84/11/02. 27pp. 27315:298. 24X Fiche: 50-400, 84/11/02, 8411060491.
- 8411070225 Forwards final response to Conservation Council of North Carolina first set of interrogatories & request for production of documents on emergency planning contentions w/ corrected responses. Svc list encl. Related correspondence. CARRROW, H. Carolina Power & Light Co. #484 006. 84/11/05. KELLEY, J.L., CARPENTER, J.H., BRIGHT, O.O. Atomic Safety and Licensing Board Panel. 2pp. 27386:163. 24X Fiche: 50-400, 84/11/05, 8411070225.
- 8411070228 Final response to Conservation Council of North Carolina first set of interrogatories & request for production of documents on emergency planning contentions. Related correspondence. CARRROW, H. Carolina Power & Light Co. 84/10/31. Conservation Council of North Carolina. 10pp. 27386:163. 24X Fiche: 50-400, 84/11/05, 8411070225.
- 8411190286 Advises that petitions for rulemaking re extension of size of plume exposure pathway held in abeyance until conclusion of reanalysis of source term. Related correspondence. BARTH, C.A. Hearing Branch 1. #484 177. 84/11/08. LATCHIN, P. Affiliation Not Assigned. 1p. 27553:360. 24X Fiche: 50-400, 84/11/08, 8411190286.
- 8411200176 Response in support of applicant 841008 motions for summary disposition of Eddleman Contentions 144 & 154. No genuine issue of matl fact to be heard re contentions. Affidavit of GE Simonds encl. CHAN, E.I. Hearing Branch 2. MOORE, J.E. Hearing Branch 1. #484 230. 84/11/08. Atomic Safety and Licensing Board Panel. 11pp. 27577:252. 24X Fiche: 50-400, 84/11/08, 8411200176.
- 8411200186 Affidavit of GE Simonds in support of NRC response to applicant 841008 motion for summary disposition of Eddleman Contentions 144 & 154. Prof qualifications, supporting documentation & Certificate of Svc encl. SIMONDS, G.E. Emergency Preparedness Branch. 84/11/08. 13pp. 27577:263. 24X Fiche: 50-400, 84/11/08, 8411200176.
- 8411200350 Response to applicant 841005 emergency planning interrogatories & request for production of documents to sponsors of EPJ-1, EPJ-4 & EPJ-3. Certificate of Svc encl. Related correspondence. READ, D.F. Chapel Hill Anti-Nuclear Group Effort. #484 193. 84/11/09. Carolina Power & Light Co. 5pp. 27571:158. 24X Fiche: 50-400, 84/11/09, 8411200350.
- 841140504 Response to late filed contentions of W Eddleman & Conservation Council of North Carolina based on CV Vo affidavit. Contentions WB-1-2 & 41C-414H should be rejected. Certificate of Svc encl. O'NEILL, J.H. Carolina Power & Light Co. O'NEILL, J.H. Shaw, Pittman, Potts & Troubridge. #484 120. 84/11/13. Atomic Safety and Licensing Board Panel. 200pp. 27491:034. 24X Fiche: 50-400, 84/11/13, 841140504.
- 841190320 Motion to reopen record on joint Contention 1 re applicant ability to safely manage plant. RUNKLE, J. Joint Intervenor - Shearon Harris. #484 179. 84/11/13. Atomic Safety and Licensing Board Panel. 34pp. 27554:131. 24X Fiche: 50-400, 84/11/13, 841190320.
- 841190341 Submits appeal of partial denial of W Eddleman 840803 request for minutes, notes, drafts & other documents used in preparation of SALP repts prepared since 1979. Review & disclosure of withheld documents requested. RUNKLE, J. Eddleman, W. RUNKLE, J. Runkle, J.D. 84/11/12. DIRCKS, M.J. Office of the Executive Director for Operations. CHILK, S.J. Office of the Secretary of the Commission. 3pp. 27554:165. 24X Fiche: 50-400, 84/11/13, 841190320.
- 8411200261 Response in opposition to contentions proffered by W Eddleman & Conservation Council of North Carolina based upon 841006 affidavit of CV Vo Davis re const defects. Certificate of Svc encl. BARTH, C.A. Hearing Branch 1. #484 227. 84/11/13. Atomic Safety and Licensing Board Panel. 5pp. 27576:289. 24X Fiche: 50-400, 84/11/13, 8411200261.
- 8411200299 Submits comments supporting licensing of facility. Served on 841116. HORTON, D.E. Zebulon, NC. #484 200. 84/11/13. Office of the Secretary of the Commission. 1p. 27571:333. 24X Fiche: 50-400, 84/11/13, 8411200299.
- 8411260063 Response to summary disposition on Contentions 144 & 154 re site emergency planning. Motions for summary disposition of contentions should be denied. Certificate of Svc encl. EDDLEMAN, W. Eddleman, W. #484 268. 84/11/19. Atomic Safety and Licensing Board Panel. 8pp. 27615:166. 24X Fiche: 50-400, 84/11/19, 8411260063.
- 8411260074 Motion to supplement record by receiving affidavits of AS Masciantonio, RA Kendall & RC Jones in further response to Eddleman Contention 9A into evidence. Order receiving affidavits into evidence recommended. MOORE, J.E. Hearing Branch 1. #484 266. 84/11/20. Atomic Safety and Licensing Board Panel. 2pp. 27617:001. 24X Fiche: 50-400, 84/11/20, 8411260074.
- 8411260085 Affidavits of AS Masciantonio, RA Kendall & RC Jones in response to Eddleman Contention 9A. Proposed resolutions & vendor mods for ITT-Barton transmitters shown to be fully adequate to resolve contention. Prof qualifications encl. MASCANTONIO, A. Equipment Qualification Branch. KENDALL, R.A. Instrumentation & Control Systems Branch. JONES, R.C. Reactor Systems Branch. 84/11/20. 10pp. 27617:003. 24X Fiche: 50-400, 84/11/20, 8411260074.
- 8411280260 Affidavit of CV Vo re improper cold pulling & misalignment of steam generator feedwater pump & util mishandling of efforts to identify & properly correct nonconformance. Certificate of Svc encl. Related correspondence. VO, C.V. Government Accountability Project. #484 313. 84/11/21. 11pp. 27666:318. 24X Fiche: 50-400, 84/11/21, 8411280260.
- 8411270384 Motion on behalf of FEMA for extension of time until 841211 to respond to applicant 841102 motion for summary disposition of Eddleman Contention 57-C-3. Certificate of Svc encl. MOORE, J.E. Hearing Branch 1. #484 299. 84/11/23. Atomic Safety and Licensing Board Panel. 4pp. 27628:272. 24X Fiche: 50-400, 84/11/23, 8411270384.
- 8411280200 Forwards draft affidavit of V Vo & five exhibits which show feedwater sys in turbine bldg classed as "Safety Class 4/ Seismic Class 1" at time of problem in Aug 1982. per 841115 request. Certificate of Svc encl. RUNKLE, J. Conservation Council of North Carolina. #484 311. 84/11/25. KELLEY, J.L., BRIGHT, O.O., CARPENTER, J.H. Atomic Safety and Licensing Board Panel. 13pp. 27657:068. 24X Fiche: 50-400, 84/11/25, 8411280200.
- 8411290311 Response supporting applicant 841114 motion re Eddleman Contention 178-179. Schedule should be amended to provide Eddleman w/30 days from ASLB ruling to withdraw, amend or restate contentions. Certificate of Svc encl. MOORE, J.E. Hearing Branch 1. #484 344. 84/11/26. Atomic Safety and Licensing Board Panel. 4pp. 27678:051. 24X Fiche: 50-400, 84/11/26, 8411290311.

DOCKETED ITEMS

B411290422 Applicant supplemental responses to W Eddleman general interrogatories to applicant 11th set. Certificate of Svc encl. Related correspondence.
CARROW, H. Carolina Power & Light Co. #484 322. 84/11/26.
Eddleman, W. 7pp. 27676:136. 24X Fiche: 50-400, 84/11/26, B411290422.

M. Utility Final Safety Analysis Report (FSAR) & amends

B411070076 Forwards Amend 17 to FSAR for Shearon Harris Nuclear Power Plant. Amend incorporates info submitted in response to draft SER open items.
CUTTER, A.B. Carolina Power & Light Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation. Director. 2pp. 27361:094.
24X Fiche: 50-400, 84/11/01, B411070076.

—B411070082 Amend 17 to FSAR for Shearon Harris Nuclear Power Plant.
* Carolina Power & Light Co. 84/11/01. 562pp. 27361:096. 24X Fiche: 50-400, 84/11/01, B411070076.

B411210127 Forwards affidavit certifying distribution of Amend 17 to FSAR for Shearon Harris Nuclear Power Plant. per NRC B11125 ltr. Encl distribution list revised to reflect changes in title, name & address on original list.
ZIMMERMAN, S.R. Carolina Power & Light Co. 84/11/12. EISENHUT, D.G. Division of Licensing. 4pp. 27590:292. 24X Fiche: 50-400, 84/11/12, B411210127.

G. Inspection reports, IE Bulletins & correspondence

B411130705 Forwards Insp Rept 50-400/84-33 on 840831. No violations noted.
VERRELLI, D.M. Division of Project & Resident Programs. 84/09/13.
UTLEY, E.E. Carolina Power & Light Co. 2pp. 27461:210. 24X Fiche: 50-400, 84/09/13, B411130705.

—B411130708 Insp Rept 50-400/84-33 on 840831. No violations noted. Major areas inspected: second corporate mgt meeting & plant tour.
JAPE, F. Region 2, Office of Director. 84/09/11. 3pp. 27461:212. 24X Fiche: 50-400, 84/09/13, B411130705.

B411130486 Forwards Insp Rept 50-400/84-32 on 840828-31. No violations or deviations noted.
VERRELLI, D.M. Division of Project & Resident Programs. 84/09/17.
UTLEY, E.E. Carolina Power & Light Co. 2pp. 27462:358. 24X Fiche: 50-400, 84/09/17, B411130486.

—B411130490 Insp Rept 50-400/84-32 on 840828-31. No violations or deviations noted. Major areas inspected: 125-volt dc battery sys. equipment turnover procedures. Unresolved item & inspector followup item.
HUNT, M.D., CONLON, T.E. Region 2, Office of Director. 84/09/12. 4pp. 27462:360. 24X Fiche: 50-400, 84/09/17, B411130486.

B411010138 Forwards list of documents to be used during B41001 Const Appraisal Team insp. Documents required to facilitate conduct of insp.
LEWIS, R.C. Region 2, Office of Director. 84/09/25. UTLEY, E.E. Carolina Power & Light Co. 3pp. 27250:080. 24X Fiche: 50-400, 84/09/25, B411010138.

B411010616 Comments on periodic evaluation of SALP for facilities. No major weaknesses identified. W/o EE Utley 840907 response to SALP Board assessment.
O'REILLY, J.P. Region 2, Office of Director. 84/10/05. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27245:332. 24X Fiche: 50-000, 84/10/05, B411010616.

B411130547 Forwards Insp Rept 50-400/84-34 on 840918-21. No deviations or violations noted.
VERRELLI, D.M. Division of Project & Resident Programs. 84/10/09.
UTLEY, E.E. Carolina Power & Light Co. 2pp. 27462:211. 24X Fiche: 50-400, 84/10/09, B411130547.

—B411130550 Insp Rept 50-400/84-34 on 840918-21. No violations noted.
Major areas inspected: tins 79-14 & 79-02 re seismic bracing & pipe support anchors.
sector. 84/10/03. B41130547.

of steps taken to
24.
18. UTLEY, E.E.

—B411140068 Responds to NRC 840831 ltr re violations noted in Insp Rept 50-400/84-24. Corrective actions: electrical craft supervisory personnel restructured re responsibility to supervise craft personnel.
PARSONS, R.M. Carolina Power & Light Co. 84/09/27. O'REILLY, J.P. Region 2, Office of Director. 6pp. 27493:216. 24X Fiche: 50-400, 84/10/18, B411140002.

—B411140074 Forwards Insp Rept 50-400/84-24 on 840720-0822 & notice of violation.
LEWIS, R.C. Division of Project & Resident Programs. 84/08/31.
UTLEY, E.E. Carolina Power & Light Co. 2pp. 27493:222. 24X Fiche: 50-400, 84/10/18, B411140002.

—B411140077 Notice of violation from insp on 840720-0822.
* Region 2, Office of Director. 84/08/31. 2pp. 27493:224. 24X Fiche: 50-400, 84/10/18, B411140002.

—B411140083 Insp Rept 50-400/84-24 on 840720-0822. Violations noted: craft electricians supervised by unauthorized personnel & failure to properly review & disposition NCRs.
MAXWELL, G.F., PREVATTE, R.L., BENIS, P.R. Region 2, Office of Director. 84/08/31. 9pp. 27493:226. 24X Fiche: 50-400, 84/10/18, B411140002.

B410250031 IE Info Notice 84-77. "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, B410250031.

B411080292 Ack receipt of 840927 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-400/84-27.
OLSHINSKI, J.A. Region 2, Office of Director. 84/10/30. UTLEY, E.E. Carolina Power & Light Co. 1p. 27391:272. 24X Fiche: 50-400, 84/10/30, B411080292.

—B411080297 Responds to NRC 840831 ltr re violations noted in Insp Rept 50-400/84-27. Corrective actions: relay settings provided by transmission dept being reviewed to determine if info appropriate for applications involved.
PARSONS, R.M. Carolina Power & Light Co. 84/09/27. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27391:273. 24X Fiche: 50-400, 84/10/30, B411080292.

—B411080301 Forwards Insp Rept 50-400/84-27 on 840806-10 & notice of violation.
LEWIS, R.C. Region 2, Office of Director. 84/08/31. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27391:275. 24X Fiche: 50-400, 84/10/30, B411080292.

—B411080306 Notice of violation from insp on 840806-10.
* Region 2, Office of Director. 84/08/31. 1p. 27391:277. 24X Fiche: 50-400, 84/10/30, B411080292.

—B411080309 Insp Rept 50-400/84-27 on 840806-10. Violation noted: inadequate GA interface procedures between Harris Plant engineering dept & util transmission dept for development & distribution of relay settings.
HERRING, N., CONLON, T.E. Region 2, Office of Director. 84/08/27. 7pp. 27391:278. 24X Fiche: 50-400, 84/10/30, B411080292.

B411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, B411010388.

B411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, B411010487.

B411140286 Forwards addl info re control of min wall thickness in ABME Class 1,2 & 3 piping sys at plant. Encl tables provide results of in situ exams of piping in RHR & component cooling water sys. Info resolves concerns re SER Open Item 4.
ZIMMERMAN, S.R. Carolina Power & Light Co. 84/11/07. DENTON, H.R. Office of Nuclear Reactor Regulation. Director. 3pp. 27469:024. 24X Fiche: 50-400, 84/11/07, B411140286.

B411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, B411060254.

DOCKETED ITEMS

237

8411010164 Part 21 & interim deficiency rept. Item 187 re calculational errors by WJ Woolley Co which could impact design & functional requirements of missile shield doors. Reportability to be determined by 841122.
PARSONS, R.M. Carolina Power & Light Co. 84/10/18. O'REILLY, J.P. Region 2, Office of Director. 1p. 27249:398. 24X
Fiche: 50-400, 84/10/18, 8411010164.

8411210041 Part 21 & first interim deficiency rept. Item 188 re natural frequencies of ITT Grinnell air operated diaphragm valves. Initially reported on 840926. Investigation underway. Final rept will be submitted by 850630.
PARSONS, R.M. Carolina Power & Light Co. 84/10/25. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27629:356. 24X
Fiche: 50-400, 84/10/25, 8411210041.

841160086 Third interim deficiency & Part 21 rept. Item 149 re defective engine-mounted fuel oil lines on TDI emergency diesel generator sets. Initially reported on 831024. Next rept will be submitted by 850627.
PARSONS, R.M. Carolina Power & Light Co. 84/10/31. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27344:249. 24X
Fiche: 50-400, 84/10/31, 841160086.

841140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept. "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 841140052.

8411280521 Second interim deficiency rept. Item 131 re unverified anchor bolt matl type. Initially reported on 830503. Site technical procedure revised to specifically require matl identification as part of bolt insp. Final rept by 850701.
PARSONS, R.M. Carolina Power & Light Co. 84/11/05. O'REILLY, J.P. Region 2, Office of Director. 5pp. 27689:045. 24X
Fiche: 50-400, 84/11/05, 8411280521.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec, figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

841140344 Forwards revised Page 5-4 of 840312 rept. "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 841140344.

841150011 Confirms info given to D Dinger of BNML in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 841150011.

8411280512 Interim deficiency rept. Item 189 re inadequate process controls for instrumentation installations. Initially reported on 841012. Evaluation underway w/Ebasco to determine disposition. Final rept expected by 850125.
PARSONS, R.M. Carolina Power & Light Co. 84/11/07. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27687:360. 24X
Fiche: 50-400, 84/11/07, 8411280512.

8411290401 Final deficiency rept. Item 168 & Part 21 rept re Siemens-Allis switchgear breakers remaining energized, preventing breaker closing. Initially reported on 840326 & 0420. Green indicator lights required to negative side of trip coil.
PARSONS, R.M. Carolina Power & Light Co. 84/11/08. O'REILLY, J.P. Region 2, Office of Director. 5pp. 27721:148. 24X
Fiche: 50-400, 84/11/08, 8411290401.

8411290574 Final Part 21 & deficiency rept. Item 168 re control circuitry wiring for Siemens-Allis, Inc. 4.9 kV switchgear breakers allowing trip coil to remain energized after trip of breaker. Breakers required & tested.
PARSONS, R.M. Carolina Power & Light Co. 84/11/08. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27722:089. 24X
Fiche: 50-400, 84/11/08, 8411290574.

841190320 Motion to reopen record on Joint Contention 1 re applicant ability to safely manage plant.
RUNKLE, J. Joint Intervenor - Shearon Harris. #484 179. 84/11/13. Atomic Safety and Licensing Board Panel. 34pp. 27554:131. 24X
Fiche: 50-400, 84/11/13, 841190320.

--841190341 Submits appeal of partial denial of W Eddleman 840803 request for minutes, notes, drafts & other documents used in preparation of BALP repts prepared since 1979. Review & disclosure of withheld documents requested.
RUNKLE, J. Eddleman, W. RUNKLE, J. D. 84/11/12. DIRCKS, W.J. Office of the Executive Director for Operations. CHILK, S.J. Office of the Secretary of the Commission. 3pp. 27554:165. 24X Fiche: 50-400, 84/11/13, 841190320.

841150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411260242 Requests that quality of Bahnson HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnson equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27618:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

841190146 Part 21 & third interim deficiency rept. Item 152 re failure of capstan spring tang for mechanical shock arrestors supplied by Pacific Scientific Co. Initially reported on 831108. Final rept will be submitted by 850123.
PARSONS, R.M. Carolina Power & Light Co. 84/09/26. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27567:342. 24X
Fiche: 50-400, 84/09/26, 841190146.

8411200071 Interim deficiency & Part 21 rept. Item 179 re portions of nonsafety flux mapping sys failing on in-core instrumentation tubing/seal table during seismic event. Evaluation incomplete. Next rept will be submitted by 850115.
PARSONS, R.M. Carolina Power & Light Co. 84/09/26. O'REILLY, J.P. Region 2, Office of Director. 1p. 27585:144. 24X
Fiche: 50-400, 84/09/26, 8411200071.

841190042 Part 21 & sixth interim deficiency rept. Item 41 re failure of reactor protection sys following secondary high energy line rupture. Initially reported on 800707. Westinghouse steam generator ref leg insulated. Final rept by 841130.
PARSONS, R.M. Carolina Power & Light Co. 84/10/01. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27568:001. 24X
Fiche: 50-400, 84/10/01, 841190042.

841190138 Part 21 & third interim deficiency rept. Item 168 re Siemens-Allis, Inc. supplied wiring for control circuitry 6.9 kV switchgear. Initially reported on 840326. All repair work on breakers completed. Final rept expected by 841109.
PARSONS, R.M. Carolina Power & Light Co. 84/10/01. O'REILLY, J.P. Region 2, Office of Director. 5pp. 27567:251. 24X
Fiche: 50-400, 84/10/01, 841190138.

841160601 Third interim deficiency rept. Item 165 re improperly secured reactor vessel support anchor bolt nuts. Initially reported on 840312. Corrective actions being verified & documented. Final rept will be submitted by 841115.
PARSONS, R.M. Carolina Power & Light Co. 84/10/02. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27543:095. 24X
Fiche: 50-400, 84/10/02, 841160601.

DOCKETED ITEMS

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411260398 Updated Part 21 rept re missile door calculation errors. Initially reported on 840705. Calculations & designs reconciled w/respective customers. Doors qualified as meeting original project design requirements. GODFREY, D.A. W.J. Woolley Co. 84/11/16. KEPPLER, J.G. Region 3, Office of Director. 1p. 27610:104. 24X Fiche: 50-000, 84/11/16, 8411260398.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts." RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

8411290233 "Investigation of Types AN & AH Piston Skirts." * Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

T. Hearing transcripts on non-antitrust matters

8411020067 Transcript of 841030 hearing in Raleigh, NC. Pp 5,990-6,217. Supporting documentation encl. * Atomic Safety and Licensing Board Panel. 84/10/30. 250pp. 27233:264. 24X Fiche: 50-400, 84/10/30, 8411020067.

8411070183 Transcript of 841031 hearing in Raleigh, NC. Pp 6,218-6,400. * Atomic Safety and Licensing Board Panel. 84/10/31. 247pp. 27367:191. 24X Fiche: 50-400, 84/10/31, 8411070183.

8411070107 Transcript of 841101 hearing in Apex, NC. Pp 6,401-6,639. Supporting documentation encl. * Atomic Safety and Licensing Board Panel. 84/11/01. 375pp. 27362:298. 24X Fiche: 50-400, 84/11/01, 8411070107.

8411130655 Exhibits of corrected content pages for transcripts of 841023-24 hearings in Apex, NC. * Atomic Safety and Licensing Board Panel. 84/11/01. 3pp. 27458:321. 24X Fiche: 50-400, 84/11/01, 8411130655.

8411070033 Forwards 841105 corrections to JF Nevill, A.G. Fuller, DR Timberlake & KV Hate 840809 testimony re Eddleman Contention 41 (pipe hanger welding). Related correspondence. BAXTER, T.A. Shaw, Pittman, Potts & Trowbridge. BAXTER, T.A. Carolina Power & Light Co. #484 994. 84/11/05. KELLEY, J.L., BRIGHT, G.O., CARPENTER, J.H. Atomic Safety and Licensing Board Panel. 2pp. 27360:089. 24X Fiche: 50-400, 84/11/05, 8411070033.

8411070044 Corrected testimony of J Nevill, A Fuller, D Timberlake & K Hate re Eddleman Contention 41 (pipe hanger welding). Related correspondence. NEVILL, J.F., FULLER, A.G., TIMBERLAKE, D.R. Carolina Power & Light Co. 84/11/05. 35pp. 27360:091. 24X Fiche: 50-400, 84/11/05, 8411070033.

8411160298 Transcript of 841113 hearing in Apex, NC. Pp 6,640-6,827. Supporting documentation encl. * Atomic Safety and Licensing Board Panel. 84/11/13. 223pp. 27540:336. 24X Fiche: 50-400, 84/11/13, 8411160298.

8411190434 Transcript of 841114 hearing in Raleigh, NC. Pp 6,828-7,069. * Atomic Safety and Licensing Board Panel. 84/11/14. 24pp. 27552:001. 24X Fiche: 50-400, 84/11/14, 8411190434.

DOCKET 50-401 SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 2

A. Application/construction stage documents & correspondence

665-P & nonproprietary
tor." Proprietary rept
84/09/18. THOMAS, C.O.
anch. 2pp. 27435:307. 24X

thholding proprietary
Monitor," per 10CFR2.790.
ic Corp. 84/09/18. THOMAS, C.O.
Branch. 8pp. 27435:309. 24X

841120374 Nonproprietary "Ex-Core Atrial Power Monitor." CONNORS, G.R., GROBMYER, L.R., TULEY, C.R. Westinghouse Electric Corp. WCAP-10666. 84/09/30. 52pp. 27435:317. 24X Fiche: 50-400, 84/09/18, 841120357.

8411050033 Application for amend to CPPR-137, deleting Section 3E(3) re thermal discharge regulatory limits. Thermal discharges not covered until OL issued. Rewording requested if Section 3E(3) not deleted. HALL, D.P. Illinois Power Co. 84/10/29. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 4pp. 27301:352. 24X Fiche: 50-401, 84/10/29, 8411050033.

G. Adjudicatory correspondence

8411190286 Advises that petitions for rulemaking re extension of size of plume exposure pathway held in abeyance until conclusion of reanalysis of source term. Related correspondence. BARTH, C.A. Hearing Branch 1. #484 177. 84/11/08. LATCHIN, P. Affiliation Not Assigned. 1p. 27553:360. 24X Fiche: 50-400, 84/11/08, 8411190286.

8411200176 Response in support of applicant 841008 motions for summary disposition of Eddleman Contentions 144 & 154. No genuine issue of matl fact to be heard re contentions. Affidavit of GE Simonds encl. CHAN, E.I. Hearing Branch 2. MOORE, J.E. Hearing Branch 1. #484 230. 84/11/08. Atomic Safety and Licensing Board Panel. 11pp. 27577:252. 24X Fiche: 50-400, 84/11/08, 8411200176.

8411200186 Affidavit of GE Simonds in support of NRC response to applicant 841008 motion for summary disposition of Eddleman Contentions 144 & 154. Prof qualifications, supporting documentation & Certificate of Svc encl. SIMMONS, G.E. Emergency Preparedness Branch. 84/11/08. 13pp. 27577:263. 24X Fiche: 50-400, 84/11/08, 8411200176.

8411200350 Response to applicant 841005 emergency planning interrogatories & request for production of documents to sponsors of EPJ-1, EPJ-4 & EPJ-5. Certificate of Svc encl. Related correspondence. READ, D.F. Chapel Hill Anti-Nuclear Group Effort. #484 193. 84/11/09. Carolina Power & Light Co. 5pp. 27571:158. 24X Fiche: 50-400, 84/11/09, 8411200350.

8411200261 Response in opposition to contentions proffered by W Eddleman & Conservation Council of North Carolina based upon 841006 affidavit of CV Vo Davis re const defects. Certificate of Svc encl. BARTH, C.A. Hearing Branch 1. #484 227. 84/11/13. Atomic Safety and Licensing Board Panel. 51pp. 27576:289. 24X Fiche: 50-400, 84/11/13, 8411200261.

8411260074 Motion to supplement record by receiving affidavits of AS Masciantonio, RA Kendall & RC Jones in further response to Eddleman Contention 9A into evidence. Order receiving affidavits into evidence recommended. MOORE, J.E. Hearing Branch 1. #484 266. 84/11/20. Atomic Safety and Licensing Board Panel. 2pp. 27617:001. 24X Fiche: 50-400, 84/11/20, 8411260074.

8411260085 Affidavits of AS Masciantonio, RA Kendall & RC Jones in response to Eddleman Contention 9A. Proposed resolutions & vendor mods for ITT-Barton transmitters shown to be fully adequate to resolve contention. Prof qualifications encl. MASCIANTONIO, A. Equipment Qualification Branch. KENDALL, R.A. Instrumentation & Control Systems Branch. JONES, R.C. Reactor Systems Branch. 84/11/20. 10pp. 27617:003. 24X Fiche: 50-400, 84/11/20, 8411260074.

8411270384 Motion on behalf of FEMA for extension of time until 841211 to respond to applicant 841102 motion for summary disposition of Eddleman Contention 57-C-3. Certificate of Svc encl. MOORE, J.E. Hearing Branch 1. #484 299. 84/11/23. Atomic Safety and Licensing Board Panel. 4pp. 27628:272. 24X Fiche: 50-400, 84/11/23, 8411270384.

8411290311 Response supporting applicant 841114 motion re Eddleman Contention 178-179. Schedule should be amended to provide Eddleman w/30 days from ASLB ruling to withdraw, amend or restate contentions. Certificate of Svc encl. MOORE, J.E. Hearing Branch 1. #484 344. 84/11/26. Atomic Safety and Licensing Board Panel. 4pp. 27678:051. 24X Fiche: 50-400, 84/11/26, 8411290311.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
 GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche:50-000,84/09/19, 8411080347.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept. "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
 RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche:50-000,84/11/01, 8411140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
 RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche:50-000,84/11/06,8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
 RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche:50-000,84/11/06,8411080326.

8411140344 Forwards revised Page 5-4 of 840312 rept. "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
 RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche:50-000,84/11/06,8411140344.

8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
 RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27310:235. 24X Fiche:50-000,84/11/07,8411150011.

8411260049 Responds to Generic Ltr 84-13, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability."
 Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
 RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27613:131. 24X Fiche:50-000,84/11/16,8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
 RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche:50-000,84/11/27,8411290194.

8411290233 "Investigation of Types AN & AH Piston Skirts."
 * Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche:50-000,84/11/27,8411290194.

T. Hearing transcripts on non-antitrust matters

8411020067 Transcript of 841030 hearing in Raleigh, NC. Pp 5,990-6,217. Supporting documentation encl.
 * Atomic Safety and Licensing Board Panel. 84/10/30. 250pp. 27255:264. 24X Fiche:50-400,84/10/30,8411020067.

8411070183 Transcript of 841031 hearing in Raleigh, NC. Pp 6,218-6,400. * Atomic Safety and Licensing Board Panel. 84/10/31. 247pp. 27367:191. 24X Fiche:50-400,84/10/31,8411070183.

8411070107 Transcript of 841101 hearing in Apex, NC. Pp 6,401-6,639. Supporting documentation encl.
 * Atomic Safety and Licensing Board Panel. 84/11/01. 375pp. 27362:298. 24X Fiche:50-400,84/11/01,8411070107.

841130655 Exhibits of corrected content pages for transcripts of 841023-24 hearings in Apex, NC.
 * Atomic Safety and Licensing Board Panel. 84/11/01. 3pp. 27458:321. 24X Fiche:50-400,84/11/01,841130655.

8411070033 Forwards 841105 corrections to JF Nevill, AG Fuller, DR Timberlake & KV Hatz 840809 testimony re Eddleman Contention 41 (pipe hanger welding). Related correspondence.
 BAXTER, T.A. Shaw, Pittman, Potts & Trowbridge. BAXTER, T.A. Carolina Power & Light Co. #484 994. 84/11/05. KELLEY, J.L., BRIGHT, G.O., CARPENTER, J.H. Atomic Safety and Licensing Board Panel. 2pp. 27360:089. 24X Fiche:50-400,84/11/05,8411070033.

8411070044 Corrected testimony of J Nevill, A Fuller, D Timberlake & K Hatz re Eddleman Contention 41 (pipe hanger welding). Related correspondence.
 NEVILL, J.F., FULLER, A.G., TIMBERLAKE, D.R. Carolina Power & Light Co. 84/11/05. 35pp. 27360:091. 24X Fiche:50-400,84/11/05, 8411070033.

8411160298 Transcript of 841113 hearing in Apex, NC. Pp 6,640-6,827. Supporting documentation encl.
 * Atomic Safety and Licensing Board Panel. 84/11/13. 223pp. 27540:336. 24X Fiche:50-400,84/11/13,8411160298.

8411190434 Transcript of 841114 hearing in Raleigh, NC. Pp 6,828-7,069. * Atomic Safety and Licensing Board Panel. 84/11/14. 24pp. 27552:001. 24X Fiche:50-400,84/11/14,8411190434.

DOCKET 50-406 TUSKEGEE INSTITUTE RESEARCH REACTORP. Operating license stage documents & correspondence

8411140269 Requests addl info on decommissioning & decontamination of Tuskegee Inst AGN-201 reactor.
 WILKIE, D.A. Westinghouse Hittman Nuclear, Inc. 84/10/29. Division of Licensing. 1p. 27469:185. 24X Fiche:50-406,84/10/29, 8411140269.

DOCKET 50-409 LA CROSSE BOILING WATER REACTORF. Security, medical, emergency & fire protection plans

8411050444 Reviews potential release pathways during postulated accidents & control room doses via pathways other than ventilation stack, per TMI Item III.D.3.4 & requirements for emergency response capability.
 LINDER, F. Dairyland Power Cooperative. 84/10/25. EISENHUT, D.G. Division of Licensing. 7pp. 27297:232. 24X Fiche:50-409,84/10/25, 8411050444.

8411290511 Issues 3 & 6 to Emergency Plan Implementing Procedures EPP-17 "Exercises & Drills" & EPP-21 "Prompt Public Notification Sys" respectively, w/841119 ltr.
 LINDER, F. Dairyland Power Cooperative. 84/11/19. 21pp. 27721:040. 24X Fiche:50-409,84/11/19,8411290511.

P. Operating license stage documents & correspondence

8411060192 Application for amend to License DPR-45, authorizing util to receive, possess & use any byproduct matl in sealed sources, for calibr radiation detection instrumentation. W/revised page from license. Fee paid.
 LINDER, F. Dairyland Power Cooperative. 84/10/18. PAULSON, W.A. Operating Reactors Branch 5. 4pp. 27323:264. 24X Fiche:50-409,84/10/18,8411060192.

8411050389 Responds to 841001 request for addl info re util 840802 request for relief from testing of Alternate Core Spray Valves 38-26-001 & 002 & Boron Injection Outlet Check Valve 60-26-001 as specified in ASME Section XI.
 LINDER, F. Dairyland Power Cooperative. 84/10/25. PAULSON, W.A. Operating Reactors Branch 5. 6pp. 27298:261. 24X Fiche:50-409,84/10/25,8411050389.

G. Inspection reports, IE Bulletins & correspondence

8411070004 Responds to Item 2 of IE Bulletin 84-03 re potential for & consequences of refueling cavity water seal failure. Design info & description of reactor vessel upper cavity encl.
 LINDER, F. Dairyland Power Cooperative. 84/10/23. KEPPLER, J.G. Region 3, Office of Director. 4pp. 27360:057. 24X Fiche:50-409,84/10/23,8411070004.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
 GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post B30103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche:50-000,84/10/26,8410250031.

DOCKETED ITEMS

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, B411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, B411010487.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, B411060254.

B411290134 Forwards Insp Rept 50-409/84-12 on 840926-1005 & notice of violation.
WALKER, R. D. Region 3, Office of Director. 84/11/09. LINDER, F. W. Dairyland Power Cooperative. 2pp. 27719:023. 24X Fiche: 50-409, 84/11/09, B411290134.

---B411290138 Notice of violation from insp on 840926-1005.
WALKER, R. D. Region 3, Office of Director. 84/11/09. 1p. 27719:025. 24X Fiche: 50-409, 84/11/09, B411290134.

---B411290144 Insp Rept 50-409/84-12 on 840926-1005. Noncompliance noted: failure to follow procedures for document control & failure to maintain control of measuring & test equipment.
VANDEL, T. E., MALLOY, J. A., MOSER, M. M. Region 3, Office of Director. 84/11/09. 12pp. 27719:026. 24X Fiche: 50-409, 84/11/09, B411290134.

B411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, B411150041.

B411150072 Suppl 1 to IE Info Notice 84-82, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, B411150072.

B411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, B411150054.

R. Periodic operating reports & related correspondence

B411140568 Monthly operating rept for Sept 1984. W/B411004 ltr.
GOODMAN, L. S., LINDER, F. Dairyland Power Cooperative. 84/09/30. 7pp. 27495:143. 24X Fiche: 50-409, 84/09/30, B411140568.

B411200055 Monthly operating rept for Oct 1984. W/B41107 ltr.
DUNNUM, J., LINDER, F. Dairyland Power Cooperative. 84/10/31. 7pp. 27585:280. 24X Fiche: 50-409, 84/10/31, B411200055.

S. Reportable occurrences, LERs & related correspondence

B411200058 LER 84-017-00: on 841016, containment bldg ventilation dampers & vent header valve, automatically closed. Caused by blown fuse on radioactivity monitoring relay panel. Fuse replaced.
W/B41026 ltr.
GOODMAN, L. S., LINDER, F. Dairyland Power Cooperative. 84/10/26. 4pp. 27438:001. 24X Fiche: 50-409, 84/10/26, B411200058.

DOCKET 50-410 NINE MILE POINT NUCLEAR STATION, UNIT 2

A. Application/construction stage documents & correspondence

B411050248 Forwards position on Rev 2 to Reg Guide 1.75 re physical independence of electric sys. Info will be included in next FSAR amend.
MANGAN, C. V. Niagara Mohawk Power Corp. 84/10/26. SCHWENCER, A. Licensing Branch 2. 4pp. 27303:198. 24X Fiche: 50-410, 84/10/26, B411050248.

B411060146 Forwards monthly status rept on plant-specific backfits through Aug 1984. Proposed mods to interim procedures, reflecting more accurate appeal process, being developed.
EISENHUT, D. G. Division of Licensing. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 9pp. 27383:248. 24X Fiche: 50-000, 84/10/26, B411060146.

B411060508 Forwards addl info re addition of motor operated isolation valves of feedwater sys to Table 6.2-56. Info will be incorporated in next FSAR amend. W/oversize Table 6.2-56. Aperture card available in PDR.
MANGAN, C. V. Niagara Mohawk Power Corp. 84/11/02. SCHWENCER, A. Licensing Branch 2. 5pp. 27312:087. 24X Fiche: 50-410, 84/11/02, B411060508.

B411160459 Forwards technical evaluation rept, "Control of Heavy Loads at Nuclear Power Plants, Nine Mile Point Unit 2 (Phase I)." Control of heavy loads is open issue in safety review.
SCHWENCER, A. Licensing Branch 2. 84/11/05. HOOTEN, B. G. Niagara Mohawk Power Corp. 2pp. 27548:280. 24X Fiche: 50-410, 84/11/05, B411160459.

---B411160466 "Control of Heavy Loads at Nuclear Power Plants, Nine Mile Point Unit 2 (Phase I)," technical evaluation rept.
SHABER, C. R., STICKLEY, T. H. Energy Engineering Group. FIN A-6457. 84/09/30. NRC - No Detailed Affiliation Given. 39pp. 27548:282. 24X Fiche: 50-410, 84/11/05, B411160459.

B411160473 Approves use of safety-related non-ASME Code instrument tubing in radiation protection process monitoring equipment, per 841001 request. Revised FSAR Table 3.9A-15 should be included in next FSAR amend.
SCHWENCER, A. Licensing Branch 2. 84/11/05. HOOTEN, B. G. Niagara Mohawk Power Corp. 2pp. 27546:362. 24X Fiche: 50-410, 84/11/05, B411160473.

B411140090 Informs of actions taken to correct discrepancy discovered on 841024 between Amend 14 to FSAR & info previously submitted. NRC will be notified of any addl discrepancies identified by B41115.
MANGAN, C. V. Niagara Mohawk Power Corp. 84/11/07. SCHWENCER, A. Licensing Branch 2. 1p. 27464:288. 24X Fiche: 50-410, 84/11/07, B411140090.

B411140099 Advises that Dept of State has not reached decision on consistency certification for facility. Review incomplete pending issuance of public notice by dept. NRC will be notified of review status.
CROSS, K. J. New York, State of. 84/11/07. TOENNIES, J. M. Niagara Mohawk Power Corp. 1p. 27464:287. 24X Fiche: 50-410, 84/11/07, B411140099.

B411150067 Forwards color slides of bedrock exposed in Trench 1 of cooling tower fault geology investigations. W/o encl.
LEMPQES, T. E. Niagara Mohawk Power Corp. 84/11/08. SCHWENCER, A. Licensing Branch 2. 1p. 27503:151. 24X Fiche: 50-410, 84/11/08, B411150067.

B411190305 Notification of 841108 meeting w/util in Bethesda, MD to discuss containment sys.
HAUGHEY, M. F. Licensing Branch 2. 84/11/08. SCHWENCER, A. Licensing Branch 2. 3pp. 27583:356. 24X Fiche: 50-410, 84/11/08, B411190305.

B411200530 Summary of 841009 meeting w/util & S&W re structural issues. NRC concerns listed. Attendance list & viewgraphs encl.
HAUGHEY, M. F. Licensing Branch 2. 84/11/08. Licensing Branch 2. 15pp. 27598:072. 24X Fiche: 50-410, 84/11/08, B411200530.

B411150033 Forwards update to Chapter 14 of FSAR reflecting that util will perform preliminary testing. Responses provided to Benedict questions re personnel qualifications. Info will be provided in Amend 16 to FSAR.
MANGAN, C. V. Niagara Mohawk Power Corp. 84/11/09. SCHWENCER, A. Licensing Branch 2. 314pp. 27501:125. 24X Fiche: 50-410, 84/11/09, B411150033.

B411150213 Forwards addl info to questions re startup & test abstracts raised during 840719 meeting. Revised test abstracts will be included in FSAR Amend 16.
MANGAN, C. V. Niagara Mohawk Power Corp. 84/11/09. SCHWENCER, A. Licensing Branch 2. 23pp. 27497:003. 24X Fiche: 50-410, 84/11/09, B411150213.

B411150096 Forwards info re temp qualification of safety-related equipment in control room, per J Singh request. Info will be included in Amend 16 to FSAR.
MANGAN, C. V. Niagara Mohawk Power Corp. 84/11/13. SCHWENCER, A. Licensing Branch 2. 5pp. 27499:351. 24X Fiche: 50-410, 84/11/13, B411150096.

841150220 Forwards revised responses to NRC FSAR questions. Info previously discussed w/staff & submitted to aid license application review. Responses will be incorporated in next FSAR Amend.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/13. SCHWENCER, A. Licensing Branch 2. 83pp. 27497:026. 24X Fiche: 50-410, 84/11/13, 841150220.

8411280391 Informs that util may appeal NRC 841017 position that air dryers be used for Div I & II diesel generator air start sys at facility. Notice of intent to appeal should be sent to DO Eisenhut. Generic Ltr 84-08 provides appeal process.
NOVAK, T.M. Assistant Director for Licensing. 84/11/15. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27683:331. 24X Fiche: 50-410, 84/11/15, 8411280391.

8411200119 Forwards info requested by J Lazevnick on resolution of apparent inconsistencies in separation criteria presented on Table 421.47-1. Info to be included in Amend 16 to FSAR.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/16. SCHWENCER, A. Licensing Branch 2. 5pp. 27579:264. 24X Fiche: 50-410, 84/11/16, 8411200119.

8411260079 Requests meeting to resolve concerns re distance from reactor water cleanup valve to primary containment & definition of break exclusion area for line as attached to feedwater lines.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/19. SCHWENCER, A. Licensing Branch 2. 1p. 27614:208. 24X Fiche: 50-410, 84/11/19, 8411260079.

8411260091 Forwards revised response to FSAR Question F210.62 re RCS pressure isolation valves. Info submitted to aid in review of license application for resolution of question & will be included in Amend 16 to FSAR.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/20. SCHWENCER, A. Licensing Branch 2. 7pp. 27616:347. 24X Fiche: 50-410, 84/11/20, 8411260091.

8411260099 Forwards info on single failure analysis for neutron monitoring & process radiation monitoring sys. in response to NRC request.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/20. SCHWENCER, A. Licensing Branch 2. 11pp. 27616:126. 24X Fiche: 50-410, 84/11/20, 8411260099.

C. Utility Environmental Report (ER), amends & correspondence

8411050159 Forwards updated distribution list for environ rept - DL stage.
SCHWENCER, A. Licensing Branch 2. 84/10/26. HOOTEN, B.J. Niagara Mohawk Power Corp. 5pp. 27325:215. 24X Fiche: 50-410, 84/10/26, 8411050159.

D. NRC Draft/Final Environmental Statements, suppl's & correspondence

8411260376 Forwards description & environ assessment of nuclear training ctr, per commitment in 841001 comments on DES & "Aquatic Monitoring Program, Apr 1983 - Mar 1984." W/two oversize figures. Aperture cards in PDR.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/20. EISENHUT, D.G. Division of Licensing. 3pp. 27608:007. 24X Fiche: 50-410, 84/11/20, 8411260376.

E. NRC Safety Evaluation Report (SER), suppl's & correspondence

8411030315 Summary of 840912 meeting w/util, S&W & GE to discuss SER open items re instrumentation & controls. Summary of open items discussed & list of attendees encl.
HAUGHEY, M.F. Licensing Branch 2. 84/10/17. Licensing Branch 2. 5pp. 27289:337. 24X Fiche: 50-410, 84/10/17, 8411030315.

8411050261 Forwards response to SER Open Item 68 re control bldg ventilation. Commitment to install flow recorders in control bldg ventilation sys included. Encl will be included in next FSAR amend.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/26. SCHWENCER, A. Licensing Branch 2. 3pp. 27300:351. 24X Fiche: 50-410, 84/10/26, 8411050261.

8411050271 Forwards schedule for responding to remaining open issues. Factors affecting scheduling of responses to open items listed. Remaining items will be resolved.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/26. SCHWENCER, A. Licensing Branch 2. 3pp. 27300:356. 24X Fiche: 50-410, 84/10/26, 8411050271.

8411060441 Forwards updated info on QDC 51 for use in evaluating util response to SER Open Item 66 re containment fracture toughness. Feedwater swing check valve disk certified test rept & LPCI & HPCI line evaluations expected by 841121.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/02. SCHWENCER, A. Licensing Branch 2. 200pp. 27320:001. 24X Fiche: 50-410, 84/11/02, 8411060441.

8411130458 Forwards App 2M containing addl info re Trench 1 & absence of indication of cooling tower fault in trench. App will be incorporated in FSAR Amend 16. Info resolves SER Open Items 9-12. W/three oversize drawings. Aperture cards in PDR.
LEMPGES, T.E. Niagara Mohawk Power Corp. 84/11/08. SCHWENCER, A. Licensing Branch 2. 25pp. 27439:068. 24X Fiche: 50-410, 84/11/08, 8411130458.

8411200140 Forwards request for addl info re safety parameter display sys, per util 841005 response to draft SER Open Item 149.
SCHWENCER, A. Licensing Branch 2. 84/11/08. HOOTEN, B.G. Niagara Mohawk Power Corp. 6pp. 27586:357. 24X Fiche: 50-410, 84/11/08, 8411200140.

8411150048 Advises that NRC request to consider listed areas of concern re resolution of SER Item 4 concerning PMP rainfall, per 841108 discussion, being evaluated. Actions will be provided by 841119.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/13. SCHWENCER, A. Licensing Branch 2. 1p. 27503:060. 24X Fiche: 50-410, 84/11/13, 8411150048.

8411190491 Forwards revised response to SER Open Item 34, "Loose Parts Monitoring Sys." Submittal will be included in Amend 16 to FSAR.
LEMPGES, T.E. Niagara Mohawk Power Corp. 84/11/14. SCHWENCER, A. Licensing Branch 2. 11pp. 27550:083. 24X Fiche: 50-410, 84/11/14, 8411190491.

8411280571 Forwards request for info re lead factors for surveillance specimen capsules, per 841010 discussions w/util (ref draft SER sent to G Rhode on 840308).
SCHWENCER, A. Licensing Branch 2. 84/11/16. HOOTEN, B.G. Niagara Mohawk Power Corp. 4pp. 27682:073. 24X Fiche: 50-410, 84/11/16, 8411280571.

8411260005 Requests info re performance & qualification requirements for diesel generator starting sys air dryers & priority of backfit implementation in SERs, per Generic Ltr 84-08. Issue also identified at Beaver Valley plant.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/19. SCHWENCER, A. Licensing Branch 2. 2pp. 27615:302. 24X Fiche: 50-410, 84/11/19, 8411260005.

F. Security, medical, emergency & fire protection plans

8411200140 Forwards request for addl info re safety parameter display sys, per util 841005 response to draft SER Open Item 149.
SCHWENCER, A. Licensing Branch 2. 84/11/08. HOOTEN, B.G. Niagara Mohawk Power Corp. 6pp. 27586:357. 24X Fiche: 50-410, 84/11/08, 8411200140.

J. Insurance & indemnity information

8411160293 Forwards Endorsements 74 & 89 to MAELU & NELIA Policies MF-46 & NF-16, respectively.
GOLDEN, M.P. Marsh & McLennan, Inc. 84/11/12. SALTZMAN, J. Assistant Director for State & License Relations. 3pp. 27541:212. 24X Fiche: 50-220, 84/11/12, 8411160293.

K. Utility Final Safety Analysis Report (FSAR) & amends

8411270272 Forwards Amend 15 to FSAR for Nine Mile Point Unit 2. Affidavit of Svc encl.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/21. EISENHUT, D.G. Division of Licensing. 4pp. 27633:001. 24X Fiche: 50-410, 84/11/21, 8411270272.

--8411270276 Amend 15 to FSAR for Nine Mile Point Unit 2. W/16 oversize tables. Aperture cards available in PDR.
* Niagara Mohawk Power Corp. 84/11/30. 608pp. 27633:005. 24X Fiche: 50-410, 84/11/21, 8411270272.

G. Inspection reports, IE Bulletins & correspondence

8411010167 Forwards Insp Rept 50-410/84-13 on 840730-0906 & notice of violation.
KISTER, H.B. Division of Project & Resident Programs. 84/10/10. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27250:056. 24X Fiche: 50-410, 84/10/10, 8411010167.

DOCKETED ITEMS

- B411010171 Notice of violation from insp on B40730-0906.
* Region 1, Office of Director. 84/10/10. 2pp. 27250:058. 24X
Fiche: 50-410, 84/10/10, B411010167.
- B411010175 Insp Rept 50-410/B4-13 on B40730-0906. Violation noted:
incorrect bolting hardware installed on ASME svc water sys
strainer tops & lack of control for field-issued well filler
metal.
GRAMM, R.A. Region 1, Office of Director. COLLINS, S.J. Division
of Project & Resident Programs. 84/10/05. 20pp. 27250:060. 24X
Fiche: 50-410, 84/10/10, B411010167.
- B411140600 Ack receipt of B40907 ltr informing NRC of steps taken to
correct violation noted in Insp Rept 50-410/B4-08, ASME Code
Interpretations III-1-78-07 & III-80-26 require recording
of acceptable discontinuities or indications.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/19.
HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27495:097. 24X
Fiche: 50-410, 84/10/19, B411140600.
- B411140602 Responds to NRC B40808 ltr re violation noted in Insp Rept
50-410/B4-08. Corrective actions: transverse indication in
Weld ICS 57-B SWF removed & weld repaired.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/09/07. STAROSTECKI, R.
Division of Project & Resident Programs. 9pp. 27495:099. 24X
Fiche: 50-410, 84/10/19, B411140600.
- B411070110 Confirms intent to perform const team insp during B41203-14,
encompassing areas of QA, design control project mgt, const
control, procurement & NDE program.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/20.
HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27389:198. 24X
Fiche: 50-410, 84/10/20, B411070110.
- B411270012 Ack receipt of B40920 ltr re B40320 order requiring util to
conduct independent third-party mgt appraisal. Meeting
suggested to resolve Phases I-III of verification audit &
site radiographic program concerns.
MURLEY, T.E. Region 1, Office of Director. 84/10/23. DONLON, W.
Niagara Mohawk Power Corp. 3pp. 27674:361. 24X
Fiche: 50-410, 84/10/23, B411270012.
- B411160075 Forwards Insp Rept 50-410/B4-14 on B40820-24. No violations
noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/24.
HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27544:260. 24X
Fiche: 50-410, 84/10/24, B411160075.
- B411160077 Insp Rept 50-410/B4-14 on B40820-24. No violations noted.
Major areas inspected: safety-related welding operations.
REYNOLDS, S.D., DURR, J. Region 1, Office of Director. 84/10/15.
7pp. 27544:262. 24X Fiche: 50-410, 84/10/24, B411160075.
- B410250031 IE Info Notice B4-77, "Incident Involving Teletherapy Unit
(AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post
830103). 84/10/26. Consolidated Edison Co. of New York, Inc.
84pp. 27417:078. 24X Fiche: 50-000, 84/10/26, B410250031.
- B411130136 Notification of Significant Licensee Meeting B4-105 on
B41114 w/util in King of Prussia, PA to discuss status of
licensee actions resulting from Enforcement Action 83-137.
COLLINS, S.J. Region 1, Office of Director. 84/10/30. Region 1,
Office of Director. 1p. 27478:106. 24X Fiche: 50-410, 84/10/30,
B411130136.
- B411010388 IE Info Notice B4-78, "Underrated Terminal Blocks That May
Adversely Affect Operation of Essential Electrical
Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/02. Consolidated Edison Co. of New
York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, B411010388.
- B411010487 IE Info Notice B4-79, "Failure to Properly Install Steam
Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/05. Consolidated Edison Co. of New
York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, B411010487.
- nt Transients Induced by Failure
". Svc list encl.
"Preparedness & Engineering
Consolidated Edison Co. of New
Yche: 50-000, 84/11/08, B411060254.
- lations noted in Insp Rept
QC revised insp
to include
4/11/09. STAROSTECKI, R.
3pp. 27578:056. 24X
- B411150041 IE Info Notice B4-81, "Inadvertent Reduction in Primary
Coolant Inventory in BWRs During Shutdown & Startup."
Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New
York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, B411150041.
- B411150072 Suppl 1 to IE Info Notice B4-48, "Failures of Rockwell Intl
Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New
York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, B411150072.
- B411150054 IE Info Notice B4-82, "Guidance for Posting Radiation
Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/19. Consolidated Edison Co. of New
York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, B411150054.
- R. Periodic operating reports & related correspondence
- B411150105 Forwards info requested during B41030-31 Caseload Forecast
Panel visit, consisting of monthly status repts, w/nine
oversize drawings. Aperture cards available in PDR.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/09. SCHWENGER, A.
Licensing Branch 2. 2pp. 27531:001. 24X Fiche: 50-410, 84/11/09,
B411150105.
- B411150106 "Briefing Book: Caseload Forecast Panel Site Visit." Current
status info on meeting agenda items & overhead presentation
encl.
* Niagara Mohawk Power Corp. 84/10/31. 272pp. 27531:003. 24X
Fiche: 50-410, 84/11/09, B411150105.
- B411150114 "Monthly Progress/Status Rept for Niagara Mohawk Power Corp.
Nine Mile Point Nuclear Station Unit 2." Jan 1984.
* Stone & Webster Engineering Corp. 84/01/31. 61pp. 27531:275.
24X Fiche: 50-410, 84/11/09, B411150105.
- B411150115 "Monthly Progress/Status Rept for Niagara Mohawk Power Corp.
Nine Mile Point Nuclear Station Unit 2." Feb 1984.
* Stone & Webster Engineering Corp. 84/02/29. 44pp. 27531:337.
24X Fiche: 50-410, 84/11/09, B411150105.
- B411150118 "Project Rept for Nine Mile Point Unit 2." Mar 1984.
* Stone & Webster Engineering Corp. 84/03/31. 42pp. 27532:017.
24X Fiche: 50-410, 84/11/09, B411150105.
- B411150121 "Monthly Project Rept for Nine Mile Point Unit 2."
Apr 1984.
* Stone & Webster Engineering Corp. 84/04/30. 56pp. 27532:059.
24X Fiche: 50-410, 84/11/09, B411150105.
- B411150122 "Monthly Project Rept for Nine Mile Point Unit 2."
May 1984.
* Stone & Webster Engineering Corp. 84/05/31. 91pp. 27532:116.
24X Fiche: 50-410, 84/11/09, B411150105.
- B411150129 "Monthly Project Rept for Nine Mile Point Unit 2."
June 1984.
* Stone & Webster Engineering Corp. 84/06/30. 79pp. 27532:207.
24X Fiche: 50-410, 84/11/09, B411150105.
- B411150133 "Monthly Project Rept for Nine Mile Point Unit 2."
Jul 1984.
* Stone & Webster Engineering Corp. 84/07/31. 85pp. 27532:287.
24X Fiche: 50-410, 84/11/09, B411150105.
- B411150134 "Monthly Project Rept for Nine Mile Point Unit 2." Aug
1984.
* Stone & Webster Engineering Corp. 84/08/31. 71pp. 27533:009.
24X Fiche: 50-410, 84/11/09, B411150105.
- B411150136 "Monthly Project Rept for Nine Mile Point Unit 2."
Sept 1984.
* Stone & Webster Engineering Corp. 84/09/30. 66pp. 27533:044.
24X Fiche: 50-410, 84/11/09, B411150105.
- B411260376 Forwards description & environ assessment of nuclear
training ctr, per commitment in B41001 comments on DES &
"Aquatic Monitoring Program, Apr 1983 - Mar 1984." w/two
oversize figures. Aperture cards in PDR.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/11/20. EISENHUT, D.G.
Division of Licensing. 3pp. 27608:007. 24X Fiche: 50-410, 84/11/20,
B411260376.
- B411260382 "Osage Steam Station State Pollutant Discharge Elimination
Sys Aquatic Monitoring Program, Apr 1983 - Mar 1984."
* Lawler, Matuskay & Skelly Engineers. 84/08/31. 98pp.
27608:011. 24X Fiche: 50-410, 84/11/20, B411260376.

DOCKETED ITEMS

243

S. Reportable occurrences, LERs & related correspondence

8411060088 Interim Deficiency Rept (55(e)-84-09) re hydraulic transient for pump restart in svc water sys. Extension until 850430 to submit final rept requested.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/09/27. STAROSTECKI, R. Division of Project & Resident Programs. 1p. 27351:352. 24X
Fiche: 50-410, 84/09/27, 8411060088.

8411060582 Final deficiency rept re items supplied by Tube-Line Corp. Initially reported on 830422. Tube-Line Corp items acceptable. Capitol Pipe & Steel Product Co items failed ASME III requirements & returned.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/09/27. STAROSTECKI, R. Division of Project & Resident Programs. 4pp. 27350:194. 24X
Fiche: 50-410, 84/09/27, 8411060582.

8411070311 Interim Deficiency Rept (55(e)-84-34) re random & spurious operation of Rosemount master trip unit setpoints. Initially reported on 840828. Investigation incomplete. Next rept will be submitted by 841212.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/09/27. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27388:311. 24X
Fiche: 50-410, 84/09/27, 8411070311.

8411070334 Final Deficiency Rept (55(e)-84-26) re internal corrosion of MSIVs. Initially reported on 840720. Problem avoided by cladding pertinent interior surfaces of valve bodies w/ corrosion-resistant alloy, Inconel 625.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/09/27. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27388:305. 24X
Fiche: 50-410, 84/09/27, 8411070334.

8411060518 Final Deficiency Rept (55(e)-84-35) re post-weld heat treatment qualification of weld wire used in fabrication of spent fuel pool HXs. Initially reported on 840830. Paragraph ND-2431 added in ASME Code edition.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/09/28. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27350:337. 24X
Fiche: 50-410, 84/09/28, 8411060518.

8411030613 Final deficiency rept re HEA relays mfg by GE. Initially reported on 831121. Relays that could have tripped w/force less than 500 g documented & will be replaced.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/12. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27281:347. 24X
Fiche: 50-410, 84/10/12, 8411030613.

8411060520 Final Deficiency Rept (55(e)-84-13) re single girder cranes in diesel generator rooms. Initially reported on 840321. Changes required by seismic analysis incorporated on vendor drawing & mods to cranes will be completed by Aug 1985.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/13. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27350:335. 24X
Fiche: 50-410, 84/10/13, 8411060520.

841120402 Final Deficiency Rept 55(e)-84-06 re welds w/inadequate surface preparation for liquid penetrant exam on main steam safety & relief valve vents & drains sys piping. Initially reported on 840210. Repair of 151 welds complete.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/17. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27436:048. 24X
Fiche: 50-410, 84/10/17, 841120402.

841130226 Supplemental final deficiency rept re identification by S&W of uncertified field GC inspectors. Identified deficiencies would not have affected safe operation of plant if undiscovered.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/17. STAROSTECKI, R. Division of Project & Resident Programs. 8pp. 27460:026. 24X
Fiche: 50-410, 84/10/17, 841130226.

841190073 Interim Deficiency Rept (55(e)-84-40) re containment purge sys valve qualification. Initially reported on 840919. Investigation continuing. Next rept will be submitted by 850801.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/19. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27568:020. 24X
Fiche: 50-410, 84/10/19, 841190073.

841190009 Interim Deficiency Rept (55(e)-84-41) re Magnetrol level switches. Initially reported on 840925. Switch failure could result in loss of safety-related dc power supply. Investigation continuing. Next rept expected by 850204.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/25. STAROSTECKI, R. Region 1, Office of Director. 2pp. 27568:202. 24X
Fiche: 50-410, 84/10/25, 841190009.

841190065 Interim Deficiency Rept (55(e)-84-42) re failure of containment purge sys isolation valve to close under LOCA condition. Initially reported on 840925. Investigation continuing. Next rept expected by 850805.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/25. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27567:349. 24X
Fiche: 50-410, 84/10/25, 841190065.

841190098 Final Deficiency Rept (55(e)-84-43) re sock-o-lets supplied by Bonny-Forge. Initially reported on 841001. All fittings installed in GA Category I applications will be replaced w/approved matl.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/29. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27568:077. 24X
Fiche: 50-410, 84/10/29, 841190098.

8411210301 Interim deficiency rept re WJ Woolley Co GA documentation. S&W investigation continuing. Final rept will be submitted by 850131.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/31. STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27607:355. 24X
Fiche: 50-410, 84/10/31, 8411210301.

8411210338 Revised final deficiency rept re backpressure on valves furnished by Clow Corp. Initial completion date of 841031 estimated prior to procurement of replacement valves. Corrective actions will not be complete until 850701.
MANGAN, C.V. Niagara Mohawk Power Corp. 84/10/31. STAROSTECKI, R. Division of Project & Resident Programs. 1p. 27607:357. 24X
Fiche: 50-410, 84/10/31, 8411210338.

8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl.
WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office. Office of Inspection and Enforcement. 2pp. 27609:348. 24X
Fiche: 50-000, 84/11/12, 8411260340.

DOCKET 50-412 BEAVER VALLEY POWER STATION, UNIT 2

A. Application/construction stage documents & correspondence

8411060146 Forwards monthly status rept on plant-specific backfits through Aug 1984. Proposed mods to interim procedures, reflecting more accurate appeal process, being developed.
EISENHUT, D. G. Division of Licensing. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 9pp. 27383:248. 24X
Fiche: 50-000, 84/10/26, 8411060146.

8411060531 Forwards Rev 0 to Vol 2 of "Environ Qualification of Mechanical Equipment," in response to FSAR Amend 4 Questions 270.2 & 270.3.
WOOLEVER, E. J. Duquesne Light Co. 84/11/01. KNIGHTON, G. W. Licensing Branch 3. 3pp. 27312:095. 24X
Fiche: 50-412, 84/11/01, 8411060531.

--8411060536 Rev 0 to Vol 2 of "Environ Qualification of Mechanical Equipment."
WOODWARD, N. K. Impell Corp. 02-1290-1242 V02 R00. 84/10/31. 164pp. 27312:098. 24X
Fiche: 50-412, 84/11/01, 8411060531.

8411260316 Forwards evaluation of changes to design & const GA program per 10CFR50.55(f)(3). Changes do not reduce commitments in program previously accepted by NRC.
WOOLEVER, E. J. Duquesne Light Co. 84/11/01. STAROSTECKI, R. Division of Project & Resident Programs. 4pp. 27612:354. 24X
Fiche: 50-412, 84/11/01, 8411260316.

841120160 Submits further explanation of 840224 request for partial exemption from QDC 4 re elimination of postulated pipe breaks in primary coolant loops. FSAR changes encl.
WOOLEVER, E. J. Duquesne Light Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 4pp. 27430:166. 24X
Fiche: 50-412, 84/11/05, 841120160.

841190445 Forwards revised response to FSAR Mechanical Engineering Branch Question 210.40. W/20 oversize drawings. Aperture cards available in PDR.
WOOLEVER, E. J. Duquesne Light Co. 84/11/07. KNIGHTON, G. W. Licensing Branch 3. 22pp. 27549:001. 24X
Fiche: 50-412, 84/11/07, 841190445.

841140134 Requests that proposed requirement re plant illumination levels in excess of Illuminating Engineering Soc lighting handbook guidelines be submitted to NRC mgt for approval prior to transmittal as licensing requirement.
WOOLEVER, E. J. Duquesne Light Co. 84/11/08. EISENHUT, D. G. Division of Licensing. 2pp. 27464:132. 24X
Fiche: 50-412, 84/11/08, 841140134.

DOCKETED ITEMS

8411140191 Requests that proposed requirement re communication sys be submitted to NRC mgt & CRGR for approval in accordance w/NRR procedure for mgt of plant-specific backfitting prior to transmittal as licensing requirement.
WOOLVER, E. J. Duquesne Light Co. 84/11/08. EISENHUT, D. G. Division of Licensing. 2pp. 27466:356. 24X Fiche: 50-412, 84/11/08, 8411140191.

8411140256 Requests that proposed Backfit Requirement 25 re operable lighting sys be submitted to NRC mgt for approval prior to transmittal as licensing requirement, per procedure for mgt of plant-specific backfitting.
WOOLVER, E. J. Duquesne Light Co. 84/11/08. EISENHUT, D. G. Division of Licensing. 2pp. 27469:316. 24X Fiche: 50-412, 84/11/08, 8411140256.

8411140266 Requests that proposed Backfit Requirement 28 re diesel generator auxiliary sys be submitted to NRC mgt for approval prior to transmittal as licensing requirement, per procedure for mgt of plant-specific backfitting.
WOOLVER, E. J. Duquesne Light Co. 84/11/08. EISENHUT, D. G. Division of Licensing. 2pp. 27469:183. 24X Fiche: 50-412, 84/11/08, 8411140266.

8411190563 Forwards application for amend to CPR-105, extending expiration date from 841231 to 861231.
WOOLVER, E. J. Duquesne Light Co. 84/11/08. DIRCKS, W. C. Office of the Executive Director for Operations. 2pp. 27549:252. 24X Fiche: 50-412, 84/11/08, 8411190563.

8411190566 Application for amend to CPR-105, extending expiration date to 861231. Fee paid.
WOOLVER, E. J. Duquesne Light Co. 84/11/08. 2pp. 27549:254. 24X Fiche: 50-412, 84/11/08, 8411190566.

8411270332 Forwards positions on backfit requirements. Further clarification & justification to facilitate meaningful appeal meetings for evaluating postulated increase in plant safety requested.
WOOLVER, E. J. Duquesne Light Co. 84/11/20. EISENHUT, D. G. Division of Licensing. 14pp. 27630:085. 24X Fiche: 50-412, 84/11/20, 8411270332.

8411270336 Submits Rev 2 to NRR Dfc Ltr 2, "SRP for Review of SARs for Nuclear Power Plants," per NUREG-0800, including updated assignment list of review responsibilities for primary & secondary review branches.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 82/08/28. Office of Nuclear Reactor Regulation, Director. 4pp. 27630:099. 24X Fiche: 50-412, 84/11/20, 8411270336.

E. NRC Safety Evaluation Report (SER), suppl's & correspondence

8411010141 Forwards revised detailed response to FSAR Question 210.31 re design basis used for qualifying HVAC ductwork & support structural integrity, per SER Open Item 40.
WOOLVER, E. J. Duquesne Light Co. 84/10/26. KNIGHTON, G. W. Licensing Branch 3. 3pp. 27230:359. 24X Fiche: 50-412, 84/10/26, 8411010141.

8411130706 Summary of 840918 meeting w/util, Westinghouse & S&W in Bethesda, MD re equipment qualification review, per SER Open Items 150 & 151. List of attendees encl.
LEV, M. Licensing Branch 3. 84/10/29. Licensing Branch 3. 7pp. 27463:346. 24X Fiche: 50-412, 84/10/29, 8411130706.

8411060160 Forwards current lists of outstanding & confirmatory issues identified in draft SER. Requests schedule for submittal of DES safety evaluation for issues identified in Generic Ltr 82-33, SER & rept for safety parameter display sys.
WOOLVER, E. J. Duquesne Light Co. 84/10/31. KNIGHTON, G. W. Licensing Branch 3. 10pp. 27322:352. 24X Fiche: 50-412, 84/10/31, 8411060160.

8411140258 Discusses underestimation of atmospheric dispersion conditions at exclusion area boundary for assessments of consequences of radioactive release for DSA, per 10CFR100, Backfit Requirement 29 & draft SER Section 2.3.4.
WOOLVER, E. J. Duquesne Light Co. 84/11/08. EISENHUT, D. G. Division of Licensing. 5pp. 27469:311. 24X Fiche: 50-412, 84/11/08, 8411140258.

8411190306 Forwards responses to Environ Hydrologic Engineering Branch 841012 Questions 240.12-240.16 & SER Open Items 1 & 2. Responses will be incorporated in next FSAR amend. W/four oversize drawings. Aperture cards available in PDR.
WOOLVER, E. J. Duquesne Light Co. 84/11/08. KNIGHTON, G. W. Licensing Branch 3. 2pp. 27351:079. 24X Fiche: 50-412, 84/11/08, 8411190306.

F. Security, medical, emergency & fire protection plans

8411130254 Summary of 840926 meeting w/util in Bethesda, MD re review criteria for PMP & fire suppression in cable spreading room.
LEV, M. Licensing Branch 3. 84/10/24. Licensing Branch 3. 6pp. 27350:300. 24X Fiche: 50-412, 84/10/24, 8411130254.

8411060160 Forwards current lists of outstanding & confirmatory issues identified in draft SER. Requests schedule for submittal of DES safety evaluation for issues identified in Generic Ltr 82-33, SER & rept for safety parameter display sys.
WOOLVER, E. J. Duquesne Light Co. 84/10/31. KNIGHTON, G. W. Licensing Branch 3. 10pp. 27322:352. 24X Fiche: 50-412, 84/10/31, 8411060160.

8411140141 Requests CRGR notification re Power Sys Branch requirement that communication sys be protected from fire or accidents per ODC 2 & 4, in apparent contradiction to SRP 9.3.2.
WOOLVER, E. J. Duquesne Light Co. 84/11/08. EISENHUT, D. G. Division of Licensing. 2pp. 27464:214. 24X Fiche: 50-412, 84/11/08, 8411140141.

8411280188 Provides addl info re 840926 meeting w/NRC to discuss Generic Ltr 84-08 issues, PMP & cable spreading room fire protection, in effort to completely record events of meeting.
WOOLVER, E. J. Duquesne Light Co. 84/11/20. LEV, M. Division of Licensing. 2pp. 27669:262. 24X Fiche: 50-412, 84/11/20, 8411280188.

I. Financial information

8411260593 Advises of completion of review of financial info submitted in 84108 ltr. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. FIRESTONE, L. Ohio Edison Co. 1p. 27645:347. 24X Fiche: 50-000, 84/11/16, 8411260593.

8411260606 Advises of completion of review of financial info submitted for 1984. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. MAUGANS, E. H. Cleveland Electric Illuminating Co. 1p. 27645:344. 24X Fiche: 50-000, 84/11/16, 8411260606.

G. Inspection reports, IE Bulletins & correspondence

8411080033 Submits final response to Insp Rept 50-412/83-11. Thirty-five spoils received post-weld heat treatment (PWHT) per Procedure N-1141-P-8. Twenty-three spoils acceptable as is. Remaining spoils will undergo PWHT.
WOOLVER, E. J. Duquesne Light Co. 84/08/08. STAROSTECKI, R. Division of Project & Resident Programs. 3pp. 27391:325. 24X Fiche: 50-412, 84/08/08, 8411080033.

8411020219 Responds to NRC 840920 ltr re violations noted in Insp Rept 50-412/84-08. Corrective actions: instrument tube connection openings & taped openings covered w/end caps. End caps of required sizes available on site.
WOOLVER, E. J. Duquesne Light Co. 84/10/19. STAROSTECKI, R. Region 1, Office of Director. 3pp. 27255:071. 24X Fiche: 50-412, 84/10/19, 8411020219.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411050431 Responds to NRC 840926 ltr re violation/deviation noted in Insp Rept 50-412/84-09. Corrective actions: itemized list of maint required when personnel air lock left open for extended periods of time provided.
WOOLVER, E. J. Duquesne Light Co. 84/10/26. STAROSTECKI, R. Division of Project & Resident Programs. 4pp. 27297:340. 24X Fiche: 50-412, 84/10/26, 8411050431.

8411060476 Forwards Insp Rept 50-412/84-14 on 840824-1005. No violations noted.
WENZINGER, E. C. Division of Project & Resident Programs. 84/10/31. WOOLVER, E. J. Duquesne Light Co. 2pp. 27312:256. 24X Fiche: 50-412, 84/10/31, 8411060476.

8411060483 Insp Rept 50-412/84-14 on 840824-1005. No violations noted. Major areas inspected: activities re unresolved items, 10CFR50.55(e) items, GC reinsp program of supports, electrical cable, engineering confirmation program & drawing control.
WALTON, G. A., PRIVIDY, L. J., TRIPP, L. E. Region 1, Office of Director. 84/10/19. 14pp. 27312:258. 24X Fiche: 50-412, 84/10/31, 8411060476.

DOCKETED ITEMS

245

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche:50-000,84/11/02,8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche:50-000,84/11/05,8411010487.

8411290533 Forwards Insp Rept 50-412/84-11 on 840904-07. No violations noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/07.
WOOLEVER, E.J. Duquesne Light Co. 2pp. 27722:069. 24X Fiche:50-412,84/11/07,8411290533.

--8411290539 Insp Rept 50-412/84-11 on 840904-07. No violations noted.
Major areas inspected: followup on HVAC electrical, piping & equipment support open items.
MANDLY, K.A., DURR, J.P. Region 1, Office of Director. 84/11/02. 10pp. 27722:071. 24X Fiche:50-412,84/11/07,8411290533.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche:50-000,84/11/08,8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BHRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche:50-000,84/11/16,8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche:50-000,84/11/16,8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche:50-000,84/11/19,8411150054.

8411270182 Forwards Insp Rept 50-412/84-13 on 840910-14. No violation noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/20.
WOOLEVER, E.J. Duquesne Light Co. 2pp. 27629:088. 24X Fiche:50-412,84/11/20,8411270182.

--8411270190 Insp Rept 50-412/84-13 on 840910-14. No violation noted.
Major areas inspected: record review, qualification of post-weld heat treatment, observation of welding, visual insp of welds & review of welder performance qualification.
REYNOLDS, S.D., CAMPBELL, R. Region 1, Office of Director. DURR, J. Division of Engineering & Technical Programs. 84/11/20. 8pp. 27629:090. 24X Fiche:50-412,84/11/20,8411270182.

8411290363 Ack receipt of 841019 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-412/84-08.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/20.
WOOLEVER, E.J. Duquesne Light Co. 2pp. 27676:267. 24X Fiche:50-412,84/11/20,8411290363.

S. Reportable occurrences, LERs & related correspondence

8411120203 Final Significant Deficiency Rept 84-10 re hydrogen control sys failure due to spurious operation of motor operated valves. Initially reported on 840924. Procedure will be implemented requiring four deenergized breakers.
WOOLEVER, E.J. Duquesne Light Co. 84/10/12. MURLEY, T.E. Region 1, Office of Director. 5pp. 27436:263. 24X Fiche:50-412,84/10/12,8411120203.

8411190218 Final Significant Deficiency Rept 84-03 re misoperation of OE Type MEA lockout relays. Two relays which failed OE acceptance test returned to vendor for replacement.
WOOLEVER, E.J. Duquesne Light Co. 84/10/26. MURLEY, T.E. Region 1, Office of Director. 3pp. 27567:294. 24X Fiche:50-412,84/10/26,8411190218.

8411190079 Suppl 1 to final Significant Deficiency Rept 83-01 re Westinghouse gate valve position indication. Util will modify Westinghouse supplied position indication wiring. Schedule for completion of valve rework revised from 841214.
WOOLEVER, E.J. Duquesne Light Co. 84/10/29. MURLEY, T.E. Region 1, Office of Director. 4pp. 27567:323. 24X Fiche:50-412,84/10/29,8411190079.

8411280581 Interim Significant Deficiency Rept 84-11 re GC acceptance of undersized/incomplete welds on HVAC/pipe supports. Engineering instructions issued for GC inspector use will be improved & clarified. Next rept expected by 841203.
WOOLEVER, E.J. Duquesne Light Co. 84/11/05. MURLEY, T.E. Region 1, Office of Director. 4pp. 27687:334. 24X Fiche:50-412,84/11/05,8411280581.

DOCKET 50-413 CATAWBA NUCLEAR STATION, UNIT 1

E. NRC Safety Evaluation Report (SER), suppls & correspondence

8411150107 Proposes reevaluation of schedule for implementing five 12 h shift rotation after 850107 license exam results become available, w/intent of going to five 12 h shifts in Mar-Apr 1985 time frame, per SSER 3, Section 13.1.2.3.
TUCKER, H.B. Duke Power Co. 84/11/12. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENBAM, E.G. Licensing Branch 4. 3pp. 27510:248. 24X Fiche:50-413,84/11/12,8411150107.

F. Security, medical, emergency & fire protection plans

8411010073 Forwards FEMA interim findings on offsite radiological emergency response preparedness for exercise conducted on 840215-16. W/o encl.
DANCE, H.C. Region 2, Office of Director. 84/09/19. TUCKER, H.B. Duke Power Co. 2pp. 27249:151. 24X Fiche:50-413,84/09/19,8411010073.

8411130690 Forwards Insp Rept 50-413/84-36 on 840827-31. No violations noted.
DANCE, H.C. Region 2, Office of Director. 84/09/20. TUCKER, H.B. Duke Power Co. 2pp. 27461:194. 24X Fiche:50-413,84/09/20,8411130690.

--8411130716 Insp Rept 50-413/84-36 on 840827-31. No violations noted.
Major areas inspected: fire protection open items.
WISEMAN, G.R., CONLON, T.E. Region 2, Office of Director. 84/09/19. 10pp. 27461:196. 24X Fiche:50-413,84/09/20,8411130690.

8411010116 Forwards public version of revised emergency plan implementing procedures, including Station Directive 3.7.5, "Response to Bomb Threat" & HP/O/B/1009/10, "Emergency Radio Sys Operation, Maint & Communication."
TUCKER, H.B. Duke Power Co. 84/09/25. Record Services Branch (Document Control Desk). 2pp. 27261:120. 24X Fiche:50-413,84/09/25,8411010116.

--8411010152 Public version of revised emergency plan implementing procedures, including Station Directive 3.7.5, "Response to Bomb Threat" & HP/O/B/1009/10, "Emergency Radio Sys Operation, Maint & Communication." W/release memo.
* Duke Power Co. 84/09/10. 3pp. 27261:122. 24X Fiche:50-413,84/09/25,8411010116.

8411140611 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R.C. Region 2, Office of Director. 84/10/11. TUCKER, H.B. Duke Power Co. 2pp. 27495:118. 24X Fiche:50-000,84/10/11,8411140611.

8411150107 Proposes reevaluation of schedule for implementing five 12 h shift rotation after 850107 license exam results become available, w/intent of going to five 12 h shifts in Mar-Apr 1985 time frame, per SSER 3, Section 13.1.2.3.
TUCKER, H.B. Duke Power Co. 84/11/12. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENBAM, E.G. Licensing Branch 4. 3pp. 27510:248. 24X Fiche:50-413,84/11/12,8411150107.

8411150141 Advises that fire protection program Item 1 re steam supply sys mods, Item 2 re damage control measures & cold shutdown procedures, Item 3 re CO2 fire protection for diesel generator 1A & Items 6 & 7 from 840629 ltr completed.
TUCKER, H.B. Duke Power Co. 84/11/13. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENBAM, E.G. Licensing Branch 4. 1p. 27510:236. 24X Fiche:50-413,84/11/13,8411150141.

DOCKETED ITEMS

8411160043 Advises that portions of 841025 Rev 6 to physical security plan consistent w/provisions of 10CFR50.54(P) & acceptable. Clarifications must be submitted by 841123.
OLSHINSKI, J.A. Region 1, Office of Director. 84/11/13. TUCKER, H.B. Duke Power Co. 4pp. 27538:208. 24X Fiche: 50-413, 84/11/13. 8411160043.

Q. Adjudicatory correspondence

8411010342 Proposed findings of fact & conclusions of law re foreman override in form of supplemental partial initial decision. Certificate of Svc encl.
JOHNSON, G.E. Hearing Branch 4. #484 834. 84/10/26. 34pp. 27229:261. 24X Fiche: 50-413, 84/10/26, 8411010342.

8411010375 Forwards Palmetto Alliance Exhibit 146 & 840523 trip rept. w/o exhibit.
JOHNSON, G.E. Hearing Branch 4. 484 833. 84/10/26. KELLY, K.L. Atomic Safety and Licensing Board Panel. 7pp. 27229:194. 24X Fiche: 50-413, 84/10/26, 8411010375.

8411060404 Advises of current status of hydrogen control rulemaking, per ASLB 840622 partial initial decision. Staff expects to submit final hydrogen control rule to Commission in Nov 1984.
JOHNSON, G.E. Hearing Branch 4. #484 924. 84/11/01. KELLEY, J.L., FOSTER, R.F., PURDOM, P.W. Atomic Safety and Licensing Board Panel. 1p. 27320:250. 24X Fiche: 50-413, 84/11/01, 8411060404.

8411070143 Informs of recent change in schedule for full power operation due to 841023 discovery of leak at thermocouple on Unit 1 reactor vessel head. Operation expected during first 2 wks of Dec. Related correspondence.
CARR, A.V. Duke Power Co. #484 995. 84/11/01. KELLEY, J.L., FOSTER, R.F., PURDOM, P.W. Atomic Safety and Licensing Board Panel. 1p. 27364:348. 24X Fiche: 50-413, 84/11/01, 8411070143.

8411130616 Confirms 841106 telcon re answers to applicant interrogatories on EPJ-3 for which Conservation Council lead intervenor. Interrogatories filed on 841005 & responses due on 841029. Related correspondence.
HOLLAR, D.E. Carolina Power & Light Co. #484 075. 84/11/08. KUNKLE, J. Conservation Council of North Carolina. 2pp. 27458:297. 24X Fiche: 50-413, 84/11/08, 8411130616.

8411270360 Order extending time until 841221 for Commission to act to review Director's Decision DD-84-16. Served on 841123.
HOYLE, J.C. Office of the Secretary of the Commission. #484 283. 84/11/21. Commissioners. 1p. 27629:039. 24X Fiche: 50-413, 84/11/21, 8411270360.

8411290324 Response to applicant 841109 proposed corrections to 841009-12 hearing transcripts. Staff has no objection to ASLB order directing incorporation of corrections into record.
JOHNSON, G.E. Hearing Branch 4. #484 343. 84/11/26. 3pp. 27677:235. 24X Fiche: 50-413, 84/11/26, 8411290324.

8411290384 Partial initial decision resolving foreman override concerns & authorizing issuance of OLS. Served on 841128.
FOSTER, R.F., PURDOM, P.W., KELLEY, J.L. Atomic Safety and Licensing Board Panel. #484 328. 84/11/27. 43pp. 27677:035. 24X Fiche: 50-413, 84/11/27, 8411290384.

P. Operating license stage documents & correspondence

8411010262 Application for amend to License NPF-24, changing Tech Specs to allow cathodic protection sys to be inoperable until after first refueling outage.
TUCKER, H.B. Duke Power Co. 84/10/29. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E.G. Licensing Branch 4. 3pp. 27232:124. 24X Fiche: 50-413, 84/10/29, 8411010262.

8411010269 Proposed Tech Specs allowing cathodic protection sys to be inoperable until after first refueling outage.
TUCKER, H.B. Duke Power Co. 84/10/29. 4pp. 27232:127. 24X Fiche: 50-413, 84/10/29, 8411010269.

cs re turbine overspeed

TON, H.R. Office of
27315:346. 24X

overspeed protection

24X

8411150078 Forwards suppl to 841019 response to Generic Ltr 83-28. Schedule for implementation of post-trip equipment classification & vendor interface & post-maint testing requirements outlined.
TUCKER, H.B. Duke Power Co. 84/11/02. DENTON, H.R. Licensing Branch 4. ADENSAM, E.G. Office of Nuclear Reactor Regulation, Director. 3pp. 27503:328. 24X Fiche: 50-413, 84/11/02, 8411150078.

8411160532 Forwards request for addl info on Topical Rept DPC-NF-2010 re physics methodology for reloads, in response to util 840718 ltr. Response requested by 841130.
ADENSAM, E.G. Licensing Branch 4. 84/11/05. TUCKER, H.B. Duke Power Co. 11pp. 27546:218. 24X Fiche: 50-000, 84/11/05, 8411160532.

8411090314 Forwards corrected Revs 2 & 3 to "Inservice Testing Program for Pumps & Valves." Rev markings inadvertently omitted from 840713 & 18 transmittals.
TUCKER, H.B. Duke Power Co. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E.G. Licensing Branch 4. 1p. 27400:041. 24X Fiche: 50-413, 84/11/06, 8411090314.

8411090314 Corrected Rev 2 to "Inservice Testing Program for Pumps & Valves."
* Duke Power Co. 84/11/06. 12pp. 27400:042. 24X Fiche: 50-413, 84/11/06, 8411090314.

8411090319 Corrected Rev 3 to "Inservice Testing Program for Pumps & Valves."
* Duke Power Co. 84/11/06. 8pp. 27400:054. 24X Fiche: 50-413, 84/11/06, 8411090319.

8411140349 Discusses observations resulting from review of analysis re use of distributed ignition for post-accident hydrogen mitigation. Addl analysis of accident sequences will be performed to confirm reported results.
TUCKER, H.B. Duke Power Co. 84/11/07. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E.G. Licensing Branch 4. 3pp. 27467:187. 24X Fiche: 50-413, 84/11/07, 8411140349.

8411190557 Forwards rev to 841029 proposed amend to Tech Spec re request re cathodic protection sys. Justifications & safety analysis remain unchanged.
TUCKER, H.B. Duke Power Co. 84/11/13. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E.G. Licensing Branch 4. 3pp. 27549:281. 24X Fiche: 50-413, 84/11/13, 8411190557.

8411260031 Forwards addl justification for granting 841029 amend request re cathodic protection. Justification includes mod to anticipated completion date cathodic protection sys will be operable.
TUCKER, H.B. Duke Power Co. 84/11/20. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E.G. Licensing Branch 4. 3pp. 27614:123. 24X Fiche: 50-413, 84/11/20, 8411260031.

G. Inspection reports, IE Bulletins & correspondence

8411010249 Informs of plans to conduct special insp of training programs on 841001-12. Insp objective is to assess effectiveness of programs for supporting licensed activities.
LEWIS, R.C. Region 2, Office of Director. 84/09/17. TUCKER, H.B. Duke Power Co. 3pp. 27249:326. 24X Fiche: 50-000, 84/09/17, 8411010249.

8411140594 Forwards Insp Rept 50-413/84-90 on 840905-07. No violation or deviation identified.
DANCE, H.C. Region 2, Office of Director. 84/09/18. TUCKER, H.B. Duke Power Co. 2pp. 27495:089. 24X Fiche: 50-413, 84/09/18, 8411140594.

8411140598 Insp Rept 50-413/84-90 on 840905-07. No violation or deviation noted. Major areas inspected: radwaste sys, preoperational testing, process & effluent monitors & followup on previously identified items.
TROUP, G.L., MONTGOMERY, D. Region 2, Office of Director. 84/09/17. 4pp. 27495:091. 24X Fiche: 50-413, 84/09/18, 8411140594.

8411130690 Forwards Insp Rept 50-413/84-36 on 840827-31. No violations noted.
DANCE, H.C. Region 2, Office of Director. 84/09/20. TUCKER, H.B. Duke Power Co. 2pp. 27461:194. 24X Fiche: 50-413, 84/09/20, 8411130690.

8411130716 Insp Rept 50-413/84-36 on 840827-31. No violations noted. Major areas inspected: fire protection open items.
WISEMAN, G.R., CONLON, T.E. Region 2, Office of Director. 84/09/19. 10pp. 27461:196. 24X Fiche: 50-413, 84/09/20, 8411130690.

DOCKETED ITEMS

247

8411200567 Forwards followup info to Insp Rept 50-413/83-51 Open Item 2 re QUICKPIPE computer program used in structural analysis for small bore piping sys. Program benchmarked against Impell program SUPERPIPE.
TUCKER, H. B. Duke Power Co. 84/09/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27585:355. 24X Fiche: 50-413, 84/09/22. 8411200567.

8411140135 Forwards Insp Repts 50-413/84-82 & 50-414/84-36 on 840726-0825. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/10/01. TUCKER, H. B. Duke Power Co. 2pp. 27493:331. 24X Fiche: 50-413, 84/10/01. 8411140135.

--8411140148 Insp Repts 50-413/84-82 & 50-414/84-36 on 840726-0825. No violation or deviation noted. Major areas inspected: followup of NRC & licensee identified items, site tours, maint & surveillance observations, plant operation & TMI action item.
VANDORRN, P. M., SKINNER, P. H., BROWNLEE, V. L. Region 2, Office of Director. 84/10/01. 7pp. 27493:333. 24X Fiche: 50-413, 84/10/01. 8411140135.

8411140475 Forwards Insp Repts 50-413/84-94 & 50-414/84-41 on 840925-28. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/10/19. TUCKER, H. B. Duke Power Co. 2pp. 27494:057. 24X Fiche: 50-413, 84/10/19. 8411140475.

--8411140479 Insp Repts 50-413/84-94 & 50-414/84-41 on 840925-28. No violations or deviations noted. Major areas inspected: containment (structural steel welding), RCPB piping & quality records.
ECONOMOS, N., BLAKE, J. J. Region 2, Office of Director. 84/10/12. 7pp. 27494:059. 24X Fiche: 50-413, 84/10/19. 8411140475.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26. 8410250031.

8411070111 Forwards Exam Rept 50-413/DL-84-01 from exams on 840910-14. BROWNLEE, V. L. Region 2, Office of Director. 84/10/31. TUCKER, H. B. Duke Power Co. 3pp. 27368:079. 24X Fiche: 50-413, 84/10/31. 8411070111.

--8411070116 Exam Rept 50-413/DL-84-01 on 840910-14. Exam results: 16 of 17 candidates passed oral exam & 14 of 17 candidates passed written exam. Exams encl.
ROGERS, T., WILSON, B. A. Region 2, Office of Director. 84/10/26. 91pp. 27368:082. 24X Fiche: 50-413, 84/10/31. 8411070111.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02. 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/03. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/03. 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08. 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16. 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16. 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19. 8411150054.

8411260242 Requests that quality of Bahnsen HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnsen equipment.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T. E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19. 8411260242.

R. Periodic operating reports & related correspondence

8411260115 Monthly operating rept for Oct 1984. W/841115 ltr.
REAVIS, J. A., TUCKER, H. B. Duke Power Co. 84/10/31. 3pp. 27645:228. 24X Fiche: 50-413, 84/10/31. 8411260115.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J. B. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19. 8411080347.

8411190083 Final significant deficiency rept re cracked TDI cast iron subcovers. Initially reported on 840623. Cracked subcovers replaced. Installation procedures revised.
TUCKER, H. B. Duke Power Co. 84/09/27. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27567:320. 24X Fiche: 50-413, 84/09/27. 8411190083.

8411200064 Final Significant Deficiency Repts SD-413/84-18 & SD-414/84-18 re four TDI diesels w/possible residual stresses in Type AN piston skirts. Initially reported on 840628. Unit 1 piston skirts replaced.
TUCKER, H. B. Duke Power Co. 84/09/27. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27585:117. 24X Fiche: 50-413, 84/09/27. 8411200064.

8411010145 Special rept: on 840915, PORV 1NC328 automatically opened to relieve pressure increase in RCS due to NC pump start. Cause unknown. Change made to NC pump Operating Procedure OP/11A/6150/O2A & shift operators made aware of change.
TUCKER, H. B. Duke Power Co. 84/10/11. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27250:046. 24X Fiche: 50-413, 84/10/11. 8411010145.

8411030618 LER 84-013: on 840923, radiation monitor override switch on turbine bldg sump pump panel found to be in reset position. Cause unknown. Radiation monitor override switch returned to off position. W/841023 ltr.
QUELLETTE, R. W., TUCKER, H. B. Duke Power Co. 84/10/23. 6pp. 27283:110. 24X Fiche: 50-413, 84/10/23. 8411030618.

8411070324 Discusses LERs 84-019-00 & 84-014-00 re failure of valve actuators to meet environ qualification requirements. Events appropriate to include in Vendor Program Branch reviews.
HELTENES, C. J. Director's Office. 84/10/29. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 3pp. 27388:187. 24X Fiche: 50-000, 84/10/29. 8411070324.

8411160186 Final Significant Deficiency Rept SD 413/84-01 re RHR sys socket weld failures in auxiliary bldg. Initially reported on 840113. Welds which cannot be isolated will be either replaced or strengthened w/weld overlay.
TUCKER, H. B. Duke Power Co. 84/10/30. O'REILLY, J. P. Region 2, Office of Director. 7pp. 27546:001. 24X Fiche: 50-413, 84/10/30. 8411160186.

8411060128 Informs of completion & results of Diesel Generator 1B return to svc testing. Unalarmed engine shutdown occurred due to air leakage preventing pilot valve from pressurizing circuit in 60-s. Defective valve replaced.
TUCKER, H. B. Duke Power Co. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. ADENSAH, E. G. Licensing Branch 4. 2pp. 27322:311. 24X Fiche: 50-413, 84/10/31. 8411060128.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept. "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C. L. Duke Power Co. 84/11/01. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01. 8411140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06. 8411080235.

DOCKETED ITEMS

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

8411140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines." RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 8411140344.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 8411150011.

8411200452 LER 84-009-01: on 840827, sample flow not obtained from RHR sys Train A. Caused by possible failure of valve INM39. Sampling location changed to vol control tank. Work request written to investigate & repair valve. W/841107 ltr. QUELLETTE, R.W., TUCKER, H.B. Duke Power Co. 84/11/07. 5pp. 27584:276. 24X Fiche: 50-413, 84/11/07, 8411200452.

8411210478 LER 84-014-00: on 841011, component cooling water sys found to have potential for overpressurization should tubing failure occur in reactor coolant pump thermal barrier HX. Surge tanks provided. W/841109 ltr. QUELLETTE, R.W., TUCKER, H.B. Duke Power Co. 84/11/09. 4pp. 27607:061. 24X Fiche: 50-413, 84/11/09, 8411210478.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411280461 LER 84-016-00: on 841018, while in cold shutdown, power interrupted to vent sampling pump. Caused by tripped circuit breaker that supplies power to pump electrical outlet. Circuit breaker reclosed. W/841116 ltr. QUELLETTE, R.W., TUCKER, H.B. Duke Power Co. 84/11/16. 6pp. 27684:068. 24X Fiche: 50-413, 84/11/16, 8411280461.

8411290128 LER 84-015-00: on 840928, unit entered hot shutdown w/o testing leak rate of refueling water containment isolation valve. Caused by personnel error. Valve tested. W/841116 ltr. QUELLETTE, R.W., TUCKER, H.B. Duke Power Co. 84/11/16. 5pp. 27718:350. 24X Fiche: 50-413, 84/11/16, 8411290128.

8411290357 LER 84-017-00: on 841021, motor driven auxiliary feedwater pumps 1A & 1B started due to trip signal on both maint feedwater pump turbines. Cause unknown. Followup rept by 841201. W/841116 ltr. QUELLETTE, R.W., TUCKER, H.B. Duke Power Co. 84/11/16. 3pp. 27721:161. 24X Fiche: 50-413, 84/11/16, 8411290357.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts." RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

--8411290233 "Investigation of Types AN & AH Piston Skirts." * Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

T. Hearing transcripts on non-antitrust matters

8411020111 Transcript of 841026 telcon in Bethesda, MD re Palmetto Alliance & Carolina Environ Study Group proposed findings of fact & conclusions of law on issues of foreman override. Pp 14, 386-14, 435. 5. * NRC - No Detailed Affiliation Given. 84/10/26. 52pp. 27257:093. 24X Fiche: 50-413, 84/10/26, 8411020111.

8411130589 Proposed transcript corrections of 841009-12 hearing sessions. Requests issuance of ASLB order directing that evidentiary record be amended to incorporate changes. Certificate of Svc encl. MCGARRY, J.M. Bishop, Liberman, Cook, Purcell & Reynolds. #484 077. 84/11/09. 34pp. 27458:228. 24X Fiche: 50-413, 84/11/09, 8411130589.

V. Operator Examinations

8411020124 Staff requirements memo re Commission 841022 briefing in Washington, DC re status of near-term OLs & Asselstine request for info on status of operator training & operator exams. CHILK, S.J. Office of the Secretary of the Commission. 84/10/24. DIRCKS, W.J. Office of the Executive Director for Operations. 1p. 27262:286. 24X Fiche: 50-000, 84/10/24, 8411020124.

8411150268 Informs that written & oral operator & senior operator licensing exams scheduled for wk of 850107. List of ref matl required by 841115 encl. BROWNLEE, V.L. Region 2, Office of Director. 84/10/24. TUCKER, H.B. Duke Power Co. 5pp. 27528:288. 24X Fiche: 50-413, 84/10/24, 8411150268.

8411070111 Forwards Exam Rept 50-413/OL-84-01 from exams on 840910-14. BROWNLEE, V.L. Region 2, Office of Director. 84/10/31. TUCKER, H.B. Duke Power Co. 3pp. 27368:079. 24X Fiche: 50-413, 84/10/31, 8411070111.

--8411070116 Exam Rept 50-413/OL-84-01 on 840910-14. Exam results: 16 of 17 candidates passed oral exam & 14 of 17 candidates passed written exam. Exams encl. ROGERS, T., WILSON, B.A. Region 2, Office of Director. 84/10/26. 91pp. 27368:082. 24X Fiche: 50-413, 84/10/31, 8411070111.

8411150107 Proposes reevaluation of schedule for implementing five 12 h shift rotation after 850107 license exam results become available, w/intent of going to five 12 h shifts in Mar-Apr 1985 time frame, per SSER 3, Section 13.1.2.3. TUCKER, H.B. Duke Power Co. 84/11/12. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27510:248. 24X Fiche: 50-413, 84/11/12, 8411150107.

DOCKET 50-414 CATAWBA NUCLEAR STATION, UNIT 2

A. Application/construction stage documents & correspondence

8411150078 Forwards suppl to 841019 response to Generic Ltr 83-28. Schedule for implementation of post-trip equipment classification & vendor interface & post-maint testing requirements outlined. TUCKER, H.B. Duke Power Co. 84/11/02. DENTON, H.R. Licensing Branch 4. ADENSA, E.G. Office of Nuclear Reactor Regulation, Director. 3pp. 27503:328. 24X Fiche: 50-413, 84/11/02, 8411150078.

8411160532 Forwards request for addl info on Topical Rept DPC-NF-2010 re physics methodology for reloads, in response to util 840718 ltr. Response requested by 841130. ADENSA, E.G. Licensing Branch 4. 84/11/05. TUCKER, H.B. Duke Power Co. 11pp. 27546:218. 24X Fiche: 50-000, 84/11/05, 8411160532.

8411140349 Discusses observations resulting from review of analysis re use of distributed ignition for post-accident hydrogen mitigation. Addl analysis of accident sequences will be performed to confirm reported results. TUCKER, H.B. Duke Power Co. 84/11/07. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENSA, E.G. Licensing Branch 4. 3pp. 27467:187. 24X Fiche: 50-413, 84/11/07, 8411140349.

E. NRC Safety Evaluation Report (SER), suppl & correspondence

8411150107 Proposes reevaluation of schedule for implementing five 12 h shift rotation after 850107 license exam results become available, w/intent of going to five 12 h shifts in Mar-Apr 1985 time frame, per SSER 3, Section 13.1.2.3. TUCKER, H.B. Duke Power Co. 84/11/12. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENSA, E.G. Licensing Branch 4. 3pp. 27510:248. 24X Fiche: 50-413, 84/11/12, 8411150107.

F. Security, medical, emergency & fire protection plans

8411010073 Forwards FEMA interim findings on offsite radiological emergency response preparedness for exercise conducted on 840215-16. W/o encl. DANCE, H.C. Region 2, Office of Director. 84/09/19. TUCKER, H.B. Duke Power Co. 2pp. 27249:151. 24X Fiche: 50-413, 84/09/19, 8411010073.

DOCKETED ITEMS

249

8411010116 Forwards public version of revised emergency plan implementing procedures, including Station Directive 3.7.5, "Response to Bomb Threat" & HP/D/B/1009/10, "Emergency Radio Sys Operation, Maint & Communication." TUCKER, H.B. Duke Power Co. 84/09/25. Record Services Branch (Document Control Desk). 2pp. 27261:120. 24X Fiche: 50-413, 84/09/25, 8411010116.

--8411010152 Public version of revised emergency plan implementing procedures, including Station Directive 3.7.5, "Response to Bomb Threat" & HP/D/B/1009/10, "Emergency Radio Sys Operation, Maint & Communication." W/release memo. * Duke Power Co. 84/09/10. 39pp. 27261:122. 24X Fiche: 50-413, 84/09/25, 8411010116.

8411140611 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule. LEWIS, R.C. Region 2, Office of Director. 84/10/11. TUCKER, H.B. Duke Power Co. 2pp. 27495:118. 24X Fiche: 50-000, 84/10/11, 8411140611.

8411150107 Proposes reevaluation of schedule for implementing five 12 h shift rotation after 850107 license exam results become available, w/intent of going to five 12 h shifts in Mar-Apr 1985 time frame, per SSER 3, Section 13.1.2.3. TUCKER, H.B. Duke Power Co. 84/11/12. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27510:248. 24X Fiche: 50-413, 84/11/12, 8411150107.

8411150141 Advises that fire protection program Item 1 re steam supply sys mods, Item 2 re damage control measures & cold shutdown procedures, Item 3 re CO2 fire protection for diesel generator 1A & Items 6 & 7 from 840629 ltr completed. TUCKER, H.B. Duke Power Co. 84/11/13. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENSAH, E.G. Licensing Branch 4. 1p. 27510:236. 24X Fiche: 50-413, 84/11/13, 8411150141.

8411160043 Advises that portions of 841025 Rev 6 to physical security plan consistent w/provisions of 10CFR50.54(P) & acceptable. Clarifications must be submitted by 841123. OLSHINSKI, J.A. Region 1, Office of Director. 84/11/13. TUCKER, H.B. Duke Power Co. 4pp. 27538:208. 24X Fiche: 50-413, 84/11/13, 8411160043.

G. Adjudicatory correspondence

8411010342 Proposed findings of fact & conclusions of law re foreman override in form of supplemental partial initial decision. Certificate of Svc encl. JOHNSON, G.E. Hearing Branch 4. #484 834. 84/10/26. 34pp. 27229:261. 24X Fiche: 50-413, 84/10/26, 8411010342.

8411010375 Forwards Palmetto Alliance Exhibit 146 & 840523 trip rept. W/o exhibit. JOHNSON, G.E. Hearing Branch 4. 484 833. 84/10/26. KELLY, K.L. Atomic Safety and Licensing Board Panel. 7pp. 27229:194. 24X Fiche: 50-413, 84/10/26, 8411010375.

8411060404 Advises of current status of hydrogen control rulemaking, per ASLB 840622 partial initial decision. Staff expects to submit final hydrogen control rule to Commission in Nov 1984. JOHNSON, G.E. Hearing Branch 4. #484 924. 84/11/01. KELLEY, J.L., FOSTER, R.F., PURDOM, P.W. Atomic Safety and Licensing Board Panel. 1p. 27320:250. 24X Fiche: 50-413, 84/11/01, 8411060404.

8411070143 Informs of recent change in schedule for full power operation due to 841023 discovery of leak at thermocouple on Unit 1 reactor vessel head. Operation expected during first 2 wks of Dec. Related correspondence. CARR, A.V. Duke Power Co. #484 995. 84/11/01. KELLEY, J.L., FOSTER, R.F., PURDOM, P.W. Atomic Safety and Licensing Board Panel. 1p. 27364:348. 24X Fiche: 50-413, 84/11/01, 8411070143.

8411130616 Confirms 841106 telcon re answers to applicant interrogatories on EPJ-3 for which Conservation Council lead intervenor. Interrogatories filed on 841003 & responses due on 841029. Related correspondence. HOLLAR, D.E. Carolina Power & Light Co. #484 075. 84/11/08. RUNKLE, J. Conservation Council of North Carolina. 2pp. 27498:297. 24X Fiche: 50-413, 84/11/08, 8411130616.

8411270360 Order extending time until 841221 for Commission to act to review Director's Decision DP-84-16. Served on 841123. HOYLE, J.C. Office of the Secretary of the Commission. #484 283. 84/11/21. Commissioners. 1p. 27629:039. 24X Fiche: 50-413, 84/11/21, 8411270360.

8411290324 Response to applicant 841109 proposed corrections to 841009-12 hearing transcripts. Staff has no objection to ASLB order directing incorporation of corrections into record. JOHNSON, G.E. Hearing Branch 4. #484 343. 84/11/26. 3pp. 27677:235. 24X Fiche: 50-413, 84/11/26, 8411290324.

8411290384 Partial initial decision resolving foreman override concerns & authorizing issuance of DLS. Served on 841128. FOSTER, R.F., PURDOM, P.W., KELLEY, J.L. Atomic Safety and Licensing Board Panel. #484 328. 84/11/27. 43pp. 27677:035. 24X Fiche: 50-413, 84/11/27, 8411290384.

G. Inspection reports, IE Bulletins & correspondence

8411010249 Informs of plans to conduct special insp of training programs on 841001-12. Insp objective is to assess effectiveness of programs for supporting licensed activities.

LEWIS, R.C. Region 2, Office of Director. 84/09/17. TUCKER, H.B. Duke Power Co. 3pp. 27249:326. 24X Fiche: 50-000, 84/09/17, 8411010249.

8411140135 Forwards Insp Repts 50-413/84-82 & 50-414/84-36 on 840726-0825. No violation or deviation noted. DANCE, H.C. Region 2, Office of Director. 84/10/01. TUCKER, H.B. Duke Power Co. 2pp. 27493:331. 24X Fiche: 50-413, 84/10/01, 8411140135.

--8411140148 Insp Repts 50-413/84-82 & 50-414/84-36 on 840726-0825. No violation or deviation noted. Major areas inspected: followup of NRC & licensee identified items, site tours, maint & surveillance observations, plant operation & TMI action item. VANDORRN, P.K., SKINNER, P.H., BROWNLEE, V.L. Region 2, Office of Director. 84/10/01. 7pp. 27493:333. 24X Fiche: 50-413, 84/10/01, 8411140135.

8411140475 Forwards Insp Repts 50-413/84-94 & 50-414/84-41 on 840925-28. No violation or deviation noted. DANCE, H.C. Region 2, Office of Director. 84/10/19. TUCKER, H.B. Duke Power Co. 2pp. 27494:057. 24X Fiche: 50-413, 84/10/19, 8411140475.

--8411140479 Insp Repts 50-413/84-94 & 50-414/84-41 on 840925-28. No violations or deviations noted. Major areas inspected: containment (structural steel welding), RCPB piping & quality records. ECONOMOS, N., BLAKE, J.J. Region 2, Office of Director. 84/10/12. 7pp. 27494:059. 24X Fiche: 50-413, 84/10/19, 8411140475.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411190512 Forwards request for relief from requirement of ASME Code Class 2 re circumferential butt welds for preservice insp program. TUCKER, H.B. Duke Power Co. 84/11/15. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENSAH, E.G. Licensing Branch 4. 7pp. 27550:094. 24X Fiche: 50-414, 84/11/15, 8411190512.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

DOCKETED ITEMS

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411260242 Requests that quality of Bahnson HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnson equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

8411190083 Final significant deficiency rept re cracked TDI cast iron subcovers. Initially reported on 840623. Cracked subcovers replaced. Installation procedures revised.
TUCKER, H.B. Duke Power Co. 84/09/27. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27567:320. 24X Fiche: 50-413, 84/09/27, 8411190083.

8411200064 Final Significant Deficiency Repts SD-413/84-18 & SD-414/84-18 re four TDI diesels w/possible residual stresses in Type AN piston skirts. Initially reported on 840628. Unit 1 piston skirts replaced.
TUCKER, H.B. Duke Power Co. 84/09/27. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27585:117. 24X Fiche: 50-413, 84/09/27, 8411200064.

8411190069 Part 21 & interim Significant Deficiency Rept SD 414/84-20 re Rotork supplied nitride thrust base O-rings. Initially reported on 840831. All affected operators returned for changeout of O-rings. Work will be completed by 850101.
TUCKER, H.B. Duke Power Co. 84/10/02. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27568:007. 24X Fiche: 50-414, 84/10/02, 8411190069.

8411060128 Informs of completion & results of Diesel Generator 1B return to svc testing. Unalarmed engine shutdown occurred due to air leakage preventing pilot valve from pressurizing circuit in 60-s. Defective valve replaced.
TUCKER, H.B. Duke Power Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. ADENSAM, E.G. Licensing Branch 4. 2pp. 27322:311. 24X Fiche: 50-413, 84/10/31, 8411060128.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept. "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 8411140052.

8411160394 Significant Deficiency Rept SD 414/84-06. Completion of corrective actions delayed due to late delivery of equipment to site. Const procedures being revised. Work will be completed by 850201.
TUCKER, H.B. Duke Power Co. 84/11/01. O'REILLY, J.P. Region 2, Office of Director. 1p. 27545:212. 24X Fiche: 50-414, 84/11/01, 8411160394.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to be transients while paralleling diesel w/grid sys.
L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

8411140344 Forwards revised Page 5-4 of 840312 rept. "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 8411140344.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 8411150011.

8411260049 Responds to Generic Ltr 84-15. "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

--8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

T. Hearing transcripts on non-antitrust matters

8411020111 Transcript of 841026 telcon in Bethesda, MD re Palmetto Alliance & Carolina Environ Study Group proposed findings of fact & conclusions of law on issues of foreman override.
Pp 14, 386-14, 435, 5.
* NRC - No Detailed Affiliation Given. 84/10/26. 52pp. 27257:093. 24X Fiche: 50-413, 84/10/26, 8411020111.

8411130589 Proposed transcript corrections of 841009-12 hearing sessions. Requests issuance of ASLB order directing that evidentiary record be amended to incorporate changes.
Certificate of Svc encl.
MCARRY, J.M. Bishop, Liberman, Cook, Purcell & Reynolds. #484 077. 84/11/09. 34pp. 27458:228. 24X Fiche: 50-413, 84/11/09, 8411130589.

V. Operator Examinations

8411020124 Staff requirements memo re Commission 841022 briefing in Washington, DC re status of near-term DLs & Asselstine request for info on status of operator training & operator exams.
CHILK, S.J. Office of the Secretary of the Commission. 84/10/24. DIRCKS, W.J. Office of the Executive Director for Operations. 1p. 27262:286. 24X Fiche: 50-000, 84/10/24, 8411020124.

8411150268 Informs that written & oral operator & senior operator licensing exams scheduled for wk of 850107. List of ref matl required by 841115 encl.
BROWNLEE, V.L. Region 2, Office of Director. 84/10/24. TUCKER, H.B. Duke Power Co. 5pp. 27528:288. 24X Fiche: 50-413, 84/10/24, 8411150268.

8411150107 Proposes reevaluation of schedule for implementing five 12 h shift rotation after 850107 license exam results become available. w/intent of going to five 12 h shifts in Mar-Apr 1985 time frame. per SSER 3, Section 13.1, 2, 3.
TUCKER, H.B. Duke Power Co. 84/11/12. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27310:248. 24X Fiche: 50-413, 84/11/12, 8411150107.

DOCKET 50-416 GRAND GULF NUCLEAR STATION, UNIT 1

E. NRC Safety Evaluation Report (SER), suppl & correspondence

8411210112 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF GRAND GULF NUCLEAR STATION, UNITS 1 And 2. Docket Nos. 50-416 And 50-417. (Mississippi Power And Light Company)
* Division of Licensing. NUREG-0831 S07. 84/10/31. 16pp. Available at NRC. #3.00. 27618:114. 24X Fiche: 50-416, 84/10/31, 8411210112.

8411200143 Forwards SSER 7 re application for OL.
NOVAK, T. Assistant Director for Licensing. 84/11/01. RICHARD, J. B.
Mississippi Power & Light Co. 2pp. 27586:355. 24X
Fiche: 50-416, 84/11/01, 8411200143.

8411210149 Forwards fourth quarterly status rept. "Degraded Core
Accident Hydrogen Control Program." Apr-June 1984, per
SSER 4.
HOBBS, S. H. Mississippi Power & Light Co. 84/11/19. DENTON, H. R.
Office of Nuclear Reactor Regulation, Director. 4pp. 27591:354.
24X Fiche: 50-416, 84/11/19, 8411210149.

F. Security, medical, emergency & fire protection plans

8411140609 Forwards Insp Rept 50-416/84-31 on 840812-14. No
violations or deviations noted.
VERRELLI, D. M. Region 2, Office of Director. 84/09/28. RICHARD, J. B.
Mississippi Power & Light Co. 2pp. 27495:110. 24X
Fiche: 50-416, 84/09/28, 8411140609.

--8411140610 Insp Rept 50-416/84-31 on 840812-14. No violation noted.
Major areas inspected: emergency preparedness drill.
CUNNINGHAM, A. L., CLINE, W. E. Region 2, Office of Director.
84/09/28. 6pp. 27495:112. 24X Fiche: 50-416, 84/09/28, 8411140609.

8411010108 Forwards FEMA final rept re 840411 emergency preparedness
exercise. Future exercise to evaluate deficient areas
planned. Enforcement action in event of unsuccessful
performance possible.
VERRELLI, D. M. Region 2, Office of Director. 84/10/03. RICHARD, J. B.
Mississippi Power & Light Co. 2pp. 27250:006. 24X
Fiche: 50-416, 84/10/03, 8411010108.

--8411010114 Approves States of MS & LA, state & local offsite protection
plans pending verification of adequacy of public alerting &
notification sys.
MCLOUGHLIN, D. Federal Emergency Management Agency. 83/06/29.
DIRCKS, W. J. Office of the Executive Director for Operations. 1p.
27250:008. 24X Fiche: 50-416, 84/10/03, 8411010108.

8411140520 Requests that 20-day submittal of annual emergency exercise
scenario be eliminated. Detailed exercise scenario w/all
controller info should be submitted in accordance w/45-day
schedule. No change needed to 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. RICHARD, J. B.
Mississippi Power & Light Co. 2pp. 27495:185. 24X
Fiche: 50-416, 84/10/11, 8411140520.

8411280392 Forwards request for addl info re isolation of control
circuits in Div I remote shutdown panel from control room
circuits in event of control room fire. Submittal of info by
841224 requested.
ADENSAM, E. G. Licensing Branch 4. 84/11/09. RICHARD, J. B.
Mississippi Power & Light Co. 4pp. 27682:357. 24X
Fiche: 50-416, 84/11/09, 8411280392.

8411280290 Rev 0 to corporate emergency plan procedures, including 4.1.
"Organization & Position Description," 4.2, "Emergency
Action Levels/Classification" & 4.3, "Initial Notification
& Mobilization." W/841115 ltr.
DALE, L. F. Mississippi Power & Light Co. 84/11/15. 314pp.
27667:029. 24X Fiche: 50-416, 84/11/15, 8411280290.

G. Adjudicatory correspondence

8411010544 Advises that time for Commission to review Director's
Decision DD-84-21 expired. Commission declined review.
Decision became final agency action on 841025. Served on
841101.
CHILK, B. J. Office of the Secretary of the Commission. #484 B61.
84/11/01. STEWART, C. Jacksonians United for Livable Energy
Policies. 1p. 27251:116. 24X Fiche: 50-416, 84/11/01, 8411010544.

I. Financial information

8411060336 Requests that NRC certify that pollution control facilities
being financed in furtherance of abatement or control of
water pollution, atmospheric pollutants or contaminants.
KNOTT, J. B. Bishop, Liberman, Cook, Purcell & Reynolds. KNOTT, J. B.
Middle South Utilities, Inc. - Middle South Energy, Inc. 84/11/02.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 20pp.
27317:020. 24X Fiche: 50-416, 84/11/02, 8411060336.

J. Insurance & indemnity information

8411290407 Unexecuted Amend 2 to Indemnity Agreement B-72, changing Item
3 in entirety.
SALTZMAN, J. Assistant Director for State & Licensee Relations.
84/10/31. 1p. 27698:330. 24X Fiche: 50-416, 84/10/31, 8411290407.

8411260167 Forwards License NPF-29, FR notice of issuance, Amend 2 to
Indemnity Agreement B-72, assessment of effects of license
duration on matters discussed in FES & environ protection
plan.
EISENHUT, D. G. Division of Licensing. 84/11/01. RICHARD, J. B.
Mississippi Power & Light Co. 2pp. 27647:015. 24X
Fiche: 50-416, 84/11/01, 8411260167.

P. Operating license stage documents & correspondence

8411010578 Advises that NRC need not approve delayed testing of steam
condensing mode of RHR sys. However, test must be conducted
prior to utilizing steam condensing mode of Div 2.
NOVAK, T. M. Assistant Director for Licensing. 84/10/25.
RICHARD, J. B. Mississippi Power & Light Co. 2pp. 27251:269. 24X
Fiche: 50-416, 84/10/25, 8411010578.

8411060499 Staff requirements memo re 841024 affirmation/discussion &
vote in Washington, DC re Jacksonians United for Livable
Energy Policies vs NRC (SECY-84-398). Order directing
replacement of license amend for full power approved.
CHILK, B. J. Office of the Secretary of the Commission. 84/10/25.
DIRCKS, W. J. Office of the Executive Director for Operations. 1p.
27384:106. 24X Fiche: 50-416, 84/10/25, 8411060499.

8410290050 Generic Ltr 84-23 to all BWR operating reactor licensees
except LACBWR, Big Rock Point, Humboldt Bay & Dresden 1 re
reactor vessel water level instrumentation in BWRs. Svc list
encl.
EISENHUT, D. G. Division of Licensing. 84/10/26. General Public
Utilities - GPU Service Corp. 17pp. 27417:055. 24X
Fiche: 50-000, 84/10/26, 8410290050.

8411090089 Notification of 841127 & 28 meetings w/util in Bethesda, MD
to discuss pump & valve inservice testing program.
KINTNER, L. L. Licensing Branch 4. 84/10/31. ADENSAM, E. G. Licensing
Branch 4. 2pp. 27424:264. 24X Fiche: 50-416, 84/10/31, 8411090089.

8411210148 TECHNICAL SPECIFICATIONS FOR GRAND GULF NUCLEAR STATION,
UNIT 1. DOCKET No. 50-416. (Mississippi Power And Light
Company)
* Division of Licensing. NUREG-0934. 84/10/31. 532pp. Available
at NRC. \$10.00. 27619:243. 24X Fiche: 50-416, 84/10/31, 8411210148.

8411260167 Forwards License NPF-29, FR notice of issuance, Amend 2 to
Indemnity Agreement B-72, assessment of effects of license
duration on matters discussed in FES & environ protection
plan.
EISENHUT, D. G. Division of Licensing. 84/11/01. RICHARD, J. B.
Mississippi Power & Light Co. 2pp. 27647:015. 24X
Fiche: 50-416, 84/11/01, 8411260167.

--8411260174 License NPF-29, authorizing operation at 100% power. License
NPF-29 supersedes low power License NPF-13.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director.
84/11/01. 17pp. 27647:017. 24X Fiche: 50-416, 84/11/01, 8411260167.

--8411260181 Notice of issuance of License NPF-29.
NOVAK, T. M. Assistant Director for Licensing. 84/11/01. 7pp.
27647:034. 24X Fiche: 50-416, 84/11/01, 8411260167.

--8411260186 Environ protection plan (nonradiological) for facility,
App B to License NPF-29.
* Office of Nuclear Reactor Regulation, Director. 84/10/31.
17pp. 27647:041. 24X Fiche: 50-416, 84/11/01, 8411260167.

8411200082 Forwards response to Generic Ltr 83-28, Items 1.1 & 1.2 re
post-trip review program description & procedure & data
& info capability, respectively.
DALE, L. F. Mississippi Power & Light Co. 84/11/02. DENTON, H. R.
Office of Nuclear Reactor Regulation, Director. 43pp. 27578:001.
24X Fiche: 50-416, 84/11/02, 8411200082.

8411200305 Forwards corrected fee for 841109 application to amend
License NPF-29, per RM Diggs 841018 ltr. Fee paid.
DALE, L. F. Mississippi Power & Light Co. 84/11/14. DENTON, H. R.
Office of Nuclear Reactor Regulation, Director. 2pp. 27376:244.
24X Fiche: 50-416, 84/11/14, 8411200305.

8411210132 Responds to NRC 840914 request for addl info re use of
CLASIX-3 code to support licensing activities. Detailed
program plan re CLASIX-3 code currently being prepared by
Hydrogen Control Owners Group.
DALE, L. F. Mississippi Power & Light Co. 84/11/19. DENTON, H. R.
Office of Nuclear Reactor Regulation, Director. 2pp. 27590:276.
24X Fiche: 50-416, 84/11/19, 8411210132.

DOCKETED ITEMS

8411260030 Forwards response to Items 2.1 & 2.2.2 of Generic Ltr 83-28 re equipment classification of reactor trip sys components & vendor interface program, respectively. Programs in place meet intent of proposed vendor interface program.
DALE, L. F. Mississippi Power & Light Co. 84/11/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 6pp. 27616:034. 24X Fiche: 50-416, 84/11/19, 8411260030.

G. Inspection reports, IE Bulletins & correspondence

8411140217 Forwards Insp Rept 50-416/84-33 on 840911-14. No violations or deviations noted.
VERRELLI, D. M. Division of Project & Resident Programs. 84/09/26. RICHARD, J. B. Mississippi Power & Light Co. 2pp. 27493:310. 24X Fiche: 50-416, 84/09/26, 8411140217.

8411140223 Insp Rept 50-416/84-33 on 840911-14. No violations or deviations noted. Major areas inspected: witnessing of special tests, startup tests & closeout of outstanding items.
BURNETT, P. T., DAVENPORT, K. E., JAFFE, F. Region 2, Office of Director. 84/09/24. 4pp. 27493:312. 24X Fiche: 50-416, 84/09/26, 8411140217.

8411140609 Forwards Insp Rept 50-416/84-31 on 840812-14. No violations or deviations noted.
VERRELLI, D. M. Region 2, Office of Director. 84/09/28. RICHARD, J. B. Mississippi Power & Light Co. 2pp. 27495:110. 24X Fiche: 50-416, 84/09/28, 8411140609.

8411140610 Insp Rept 50-416/84-31 on 840812-14. No violation noted. Major areas inspected: emergency preparedness drill.
CUNNINGHAM, A. L., CLINE, W. E. Region 2, Office of Director. 84/09/28. 6pp. 27495:112. 24X Fiche: 50-416, 84/09/28, 8411140609.

8411140483 Forwards Insp Repts 50-416/84-38 & 50-417/84-06 on 840918-26. No violation or deviation noted.
VERRELLI, D. M. Region 2, Office of Director. 84/10/17. RICHARD, J. B. Mississippi Power & Light Co. 2pp. 27495:298. 24X Fiche: 50-416, 84/10/17, 8411140483.

8411140496 Insp Repts 50-416/84-38 & 50-417/84-06 on 840918-26. No violation or deviation noted. Major areas inspected: svc water pipe supports, fracture of steam bypass pipe, nuclear welding & safety-related piping.
CROWLEY, B. R., BLAKE, J. J. Region 2, Office of Director. 84/10/16. 15pp. 27495:300. 24X Fiche: 50-416, 84/10/17, 8411140483.

8410250031 IE Info Notice 84-77, "Incident Involving Telatherapy Unit (AECL Eldorado-7B)." Svc list encl.
ORACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411130573 Trip rept of 840604-05 site visit re TDI diesel engine insp. Approx 85X of insp performed & problem areas listed. Attendance list & tables of TDI diesel generator insp status encl. Util should submit finalized rept for NRC review.
HOUSTON, M. D. Licensing Branch 4. 84/11/06. Licensing Branch 4. 11pp. 27472:070. 24X Fiche: 50-416, 84/11/06, 8411130573.

8411150009 Clarifies statement in 840803 ltr that provided confirmation of completion of commitments re TDI diesel generators. Statement reaffirmed that fuel oil line insp incorporated into augmented maint/surveillance program.
DALE, L. F. Mississippi Power & Light Co. 84/11/07. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27504:247. 24X Fiche: 50-416, 84/11/07, 8411150009.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 82pp. 27457:244. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

R. Periodic operating reports & related correspondence

8411280358 "Annual Radiological Environ Operating Rept for 1982." W/830429 ltr.
MC GAUGHY, J. P. Mississippi Power & Light Co. 82/12/31. O'REILLY, J. P. Region 2, Office of Director. 200pp. 27687:090. 24X Fiche: 50-416, 82/12/31, 8411280358.

8411270135 Corrects ltr forwarding "1982 Tritium Concentration in Svc Water (Quarterly Composites)," for Third & Fourth Quarters 1982. Results not available for inclusion in "Annual Radiological Environ Operating Rept for 1982."
DALE, L. F. Mississippi Power & Light Co. 83/07/13. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27675:087. 24X Fiche: 50-416, 83/07/13, 8411270135.

8411270140 "1982 Tritium Concentration in Surface Water (Quarterly Composites)." * Mississippi Power & Light Co. 82/12/31. 1p. 27675:090. 24X Fiche: 50-416, 83/07/13, 8411270135.

8411270492 "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1983." W/840229 ltr.
DALE, L. F. Mississippi Power & Light Co. 83/12/31. O'REILLY, J. P. Region 2, Office of Director. 66pp. 27674:001. 24X Fiche: 50-416, 83/12/31, 8411270492.

8411280308 "Annual Radiological Environ Operating Rept for 1983." W/840427 ltr.
MC GAUGHY, J. P. Mississippi Power & Light Co. 83/12/31. O'REILLY, J. P. Region 2, Office of Director. 100pp. 27684:090. 24X Fiche: 50-416, 83/12/31, 8411280308.

8411210466 Monthly operating rept for Oct 1984. W/841114 ltr.
CESARE, J. G., DALE, L. F. Mississippi Power & Light Co. 84/10/31. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. 8pp. 27607:163. 24X Fiche: 50-416, 84/10/31, 8411210466.

8411210149 Forwards fourth quarterly status rept, "Degraded Core Accident Hydrogen Control Program." Apr-June 1984, per SSER 4.
HOBBBS, S. H. Mississippi Power & Light Co. 84/11/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 4pp. 27591:354. 24X Fiche: 50-416, 84/11/19, 8411210149.

S. Reportable occurrences, LERs & related correspondence

8411290219 FOIA request for documents re electrical relay failures including Class IE relay failures at listed plants & utilization of OE Type MFA 31 Series ac relays or other relays using Lexan coil spool matl.
BELL, N. Nuclear Information & Resource Service. 84/04/25. Office of Administration. 2pp. 27698:352. 24X Fiche: 50-000, 84/04/25, 8411290219.

8411290240 Partial response to FOIA request for documents re electrical relay failures, including 1983 Class IE relay failures at listed plants. Documents listed on encl printouts available in PDR.
FELTON, J. M. Division of Rules and Records. 84/05/17. BELL, N. Nuclear Information & Resource Service. 2pp. 27698:354. 24X Fiche: 50-000, 84/05/17, 8411290240.

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GORDON, J. B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

DOCKETED ITEMS

253

8411200044 RO 84-035/O: on 840912, during routine calibr check of portable instrument, 152 uCi calibr source found leaking. Caused by breached mylar coating on sealed calibr source. Source disposed of as radioactive & lockers inspected. DALE, L. F. Mississippi Power & Light Co. 84/10/01. O'REILLY, J. P. Region 2, Office of Director. 1p. 27585:271. 24X Fiche: 50-416, 84/10/01, 8411200044.

8411160621 Final Deficiency & Part 21 Rept PRD-84/08 re failure of WJ Woolley Co to seismically qualify personnel air locks pneumatic supply sys. NRC should consider reevaluation of failure of potential generic effects of other plants. DALE, L. F. Mississippi Power & Light Co. 84/10/03. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27544:359. 24X Fiche: 50-416, 84/10/03, 8411160621.

8411090199 LER 84-043-00: on 841002, Div 2 suppression pool makeup sys initiated & dumped water from upper containment pool into suppression pool. Caused by two relays labeled w/ same identification number. Labels corrected. W/841029 ltr. BYRD, R. W., DALE, L. F. Mississippi Power & Light Co. 84/10/29. 3pp. 27417: 001. 24X Fiche: 50-416, 84/10/29, 8411090199.

8411090223 LER 84-042-00: on 840908, walkdown of standby svc water sys piping revealed 12 damaged pipe supports on loop B piping to & from fuel pool cooling HXs. Evaluation revealed water hammer transient experienced. W/841029 ltr. BYRD, R. W., DALE, L. F. Mississippi Power & Light Co. 84/10/29. 3pp. 27417: 010. 24X Fiche: 50-416, 84/10/29, 8411090223.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept. "Supply to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review." RAY, C. L. Duke Power Co. RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/01. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27466:348. 24X Fiche: 50-000, 84/11/01, 8411140052.

8411130414 LER 84-044-00: on 841006, Div 1 reactor water cleanup sys containment isolated. Caused by main steam line temp switch 3-amp fuse failure. Half isolation signal in logic for main steam line isolation valves also produced. W/841102 ltr. BYRD, R. W., DALE, L. F. Mississippi Power & Light Co. 84/11/02. 2pp. 27459:186. 24X Fiche: 50-416, 84/11/02, 8411130414.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl. RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C. L. Duke Power Co. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys. RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C. L. Duke Power Co. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

8411140344 Forwards revised Page 5-4 of 840312 rept. "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines." RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C. L. Duke Power Co. 84/11/06. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27469:181. 24X Fiche: 50-000, 84/11/06, 8411140344.

8411130011 Confirms info given to D Dinger of BNHL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion. RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C. L. Duke Power Co. 84/11/07. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:239. 24X Fiche: 50-000, 84/11/07, 8411130011.

8411200471 Summary of 840518 meeting w/util & DOE in Bethesda, MD re disassembly & insp of one TDI diesel engine. Attendance list & viewpoints encl. HOUSTON, M. D. Licensing Branch 4. 84/11/13. Licensing Branch 4. 16pp. 27598:171. 24X Fiche: 50-416, 84/11/13, 8411200471.

8411290266 LER 84-045-00: on 841014, adverse weather conditions resulted in voltage transients on 500-kV incoming line. Caused by precoat bypass valve not opening immediately when precoat filter valves closed. W/841113 ltr. BYRD, R. W., DALE, L. F. Mississippi Power & Light Co. 84/11/13. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27718:316. 24X Fiche: 50-416, 84/11/13, 8411290266.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing. RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. RAY, C. L. Duke Power Co. 84/11/16. EISENHUT, D. G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411280312 LER 84-046-00: on 841017, reactor water cleanup sys containment isolation valves isolated false reactor water cleanup room 2 high differential temp signal. Cause undetermined. Trip signals cleared. W/841116 ltr. BYRD, R. W., DALE, L. F. Mississippi Power & Light Co. 84/11/16. 3pp. 27684:081. 24X Fiche: 50-416, 84/11/16, 8411280312.

8411280319 LER 84-047-00: on 841018, bypass switches of leakage detection sys on reactor water cleanup, RHR & RCIC placed in bypass for maint troubleshooting, violating Tech Specs. W/841116 ltr. BYRD, R. W., DALE, L. F. Mississippi Power & Light Co. 84/11/16. 3pp. 27684:084. 24X Fiche: 50-416, 84/11/16, 8411280319.

8411290223 LER 84-048-00: on 841020, discovered that electrical power supply to fuel handling area ventilation exhaust flow rate monitor & sample rate flow monitor isolated. Caused by operator error. W/841119 ltr. BYRD, R. W., DALE, L. F. Mississippi Power & Light Co. 84/11/19. 3pp. 27721:130. 24X Fiche: 50-416, 84/11/19, 8411290223.

8411280172 Informs that 840226 commitment to submit limited risk assessment for loss of ac power withdraum since diesel engines inspected to address adequacy of TDI diesel engines & expedite issuance of full power DL. DALE, L. F. Mississippi Power & Light Co. 84/11/21. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27665:360. 24X Fiche: 50-416, 84/11/21, 8411280172.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts." RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

--8411290233 "Investigation of Types AN & AH Piston Skirts." * Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

T. Hearing transcripts on non-antitrust matters

8411030543 Transcript of 841024 affirmation/discussion & vote in Washington, DC re SECY 84-398, "Jacksonians United for Believable Energy Policy vs NRC." Pp 1-5. * Commissioners. 84/10/24. 7pp. 27289:305. 24X Fiche: 50-416, 84/10/24, 8411030543.

DOCKET 50-417 GRAND GULF NUCLEAR STATION, UNIT 2

A. Application/construction stage documents & correspondence

8411060499 Staff requirements memo re 841024 affirmation/discussion & vote in Washington, DC re Jacksonians United for Livable Energy Policies vs NRC (SECY-84-398). Order directing replacement of license amend for full power approved. CHILK, S. J. Office of the Secretary of the Commission. 84/10/25. DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27384:106. 24X Fiche: 50-416, 84/10/25, 8411060499.

8411200082 Forwards response to Generic Ltr 83-28, Items 1.1 & 1.2 re post-trip review program description & procedure & data & info capability, respectively. DALE, L. F. Mississippi Power & Light Co. 84/11/02. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 43pp. 27578:001. 24X Fiche: 50-416, 84/11/02, 8411200082.

8411210132 Responds to NRC 840914 request for addl info re use of CLASIX-3 code to support licensing activities. Detailed program plan re CLASIX-3 code currently being prepared by Hydrogen Control Owners Group. DALE, L. F. Mississippi Power & Light Co. 84/11/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27590:296. 24X Fiche: 50-416, 84/11/19, 8411210132.

8411260030 Forwards response to Items 2.1 & 2.2.2 of Generic Ltr 83-28 re equipment classification of reactor trip sys components & vendor interface program, respectively. Programs in place meet intent of proposed vendor interface program. DALE, L. F. Mississippi Power & Light Co. 84/11/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 6pp. 27616:034. 24X Fiche: 50-416, 84/11/19, 8411260030.

DOCKETED ITEMS

E. NRC Safety Evaluation Report (SER), supp's & correspondence

B411210112 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF GRAND GULF NUCLEAR STATION, UNITS 1 AND 2. Docket Nos. 50-416 And 50-417. (Mississippi Power And Light Company)
* Division of Licensing. NUREG-0831 S07. 84/10/31. 16pp.
Available at NRC. \$3.00. 27618:114. 24X Fiche: 50-416, 84/10/31. 8411210112.

B411200143 Forwards SSER 7 re application for OL.
NOVAK, T. Assistant Director for Licensing. 84/11/01. RICHARD, J. B.
Mississippi Power & Light Co. 2pp. 27586:355. 24X
Fiche: 50-416, 84/11/01. 8411200143.

B411210149 Forwards fourth quarterly status rept. "Degraded Core Accident Hydrogen Control Program." Apr-June 1984, per SSER 4.
HOBBBS, S. H. Mississippi Power & Light Co. 84/11/19. DENTON, H. R.
Office of Nuclear Reactor Regulation, Director. 4pp. 27591:354.
24X Fiche: 50-416, 84/11/19. 8411210149.

F. Security, medical, emergency & fire protection plans

B411010108 Forwards FEMA final rept re 840411 emergency preparedness exercise. Future exercise to evaluate deficient areas planned. Enforcement action in event of unsuccessful performance possible.
VERRELL, D. M. Region 2, Office of Director. 84/10/03. RICHARD, J. B.
Mississippi Power & Light Co. 2pp. 27250:006. 24X
Fiche: 50-416, 84/10/03. 8411010108.

--B411010114 Approves States of MS & LA, state & local offsite protection plans pending verification of adequacy of public alerting & notification sys.
MCLOUGHLIN, D. Federal Emergency Management Agency. 83/06/29.
DIRCKS, W. J. Office of the Executive Director for Operations. 1p.
27250:008. 24X Fiche: 50-416, 84/10/03. 8411010108.

B411140520 Requests that 20-day submittal of annual emergency exercise scenario be eliminated. Detailed exercise scenario w/all controller info should be submitted in accordance w/45-day schedule. No change needed to 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. RICHARD, J. B.
Mississippi Power & Light Co. 2pp. 27495:185. 24X
Fiche: 50-416, 84/10/11. 8411140520.

B411280290 Rev O to corporate emergency plan procedures, including 4.1, "Organization & Position Description," 4.2, "Emergency Action Levels/Classification" & 4.3, "Initial Notification & Mobilization." W/841115 ltr.
DALE, L. F. Mississippi Power & Light Co. 84/11/15. 314pp.
27667:029. 24X Fiche: 50-416, 84/11/15. 8411280290.

G. Inspection reports, IE Bulletins & correspondence

B411140483 Forwards Insp Repts 50-416/84-38 & 50-417/84-06 on 840918-26 No violation or deviation noted.
VERRELL, D. M. Region 2, Office of Director. 84/10/17. RICHARD, J. B.
Mississippi Power & Light Co. 2pp. 27495:298. 24X
Fiche: 50-416, 84/10/17. 8411140483.

--B411140496 Insp Repts 50-416/84-38 & 50-417/84-06 on 840918-26. No violation or deviation noted. Major areas inspected: svc water pipe supports, fracture of steam bypass pipe, nuclear welding & safety-related piping.
CROWLEY, B. R., BLAKE, J. J. Region 2, Office of Director. 84/10/16. 15pp. 27495:300. 24X Fiche: 50-416, 84/10/17. 8411140483.

B410250031 IE Info Notice 84-77, "Incident Involving Telotherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc.
Fiche: 50-000, 84/10/26. 8410250031.

...rated Terminal Blocks That May ... Electrical

... & Engineering
... Edison Co. of New
... 84/11/02. 8411010388.

Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/05. Consolidated Edison Co. of New
York, Inc. 118pp. 27417:159. 24X Fiche: 50-000, 84/11/05. 8411010487.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/08. Consolidated Edison Co. of New
York, Inc. 74pp. 27647:206. 24X Fiche: 50-000, 84/11/08. 8411060254.

B411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New
York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16. 8411150041.

B411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New
York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16. 8411150072.

B411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/19. Consolidated Edison Co. of New
York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19. 8411150054.

R. Periodic operating reports & related correspondence

B411210149 Forwards fourth quarterly status rept. "Degraded Core Accident Hydrogen Control Program." Apr-June 1984, per SSER 4.
HOBBBS, S. H. Mississippi Power & Light Co. 84/11/19. DENTON, H. R.
Office of Nuclear Reactor Regulation, Director. 4pp. 27591:354.
24X Fiche: 50-416, 84/11/19. 8411210149.

S. Reportable occurrences, LERs & related correspondence

B411290219 FOIA request for documents re electrical relay failures including Class IE relay failures at listed plants & utilization of GE Type HFA 51 Series ac relays or other relays using Lexan coil spool matl.
BELL, N. Nuclear Information & Resource Service. 84/04/25. Office of Administration. 2pp. 27698:352. 24X Fiche: 50-000, 84/04/25. 8411290219.

B411290240 Partial response to FOIA request for documents re electrical relay failures, including 1983 Class IE relay failures at listed plants. Documents listed on encl printouts available in PDR.
FELTON, J. M. Division of Rules and Records. 84/05/17. BELL, N.
Nuclear Information & Resource Service. 2pp. 27698:354. 24X
Fiche: 50-000, 84/05/17. 8411290240.

B411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J. B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19. 8411080347.

B411160621 Final Deficiency & Part 21 Rept PRD-84/08 re failure of WJ Woolley Co to seismically qualify personnel air locks pneumatic supply sys. NRC should consider reevaluation of failure of potential generic effects of other plants.
DALE, L. F. Mississippi Power & Light Co. 84/10/03. O'REILLY, J. P.
Region 2, Office of Director. 2pp. 27544:359. 24X
Fiche: 50-416, 84/10/03. 8411160621.

B411010153 Interim Deficiency Rept PRD-83/11 re failure of Agastat CRO095 relay bases. Caused by improper seating of female connection. Bachtel issued GAR-F-426 & GAR-F-427 to track deficiency. Affected bases will be replaced.
DALE, L. F. Mississippi Power & Light Co. 84/10/15. O'REILLY, J. P.
Region 2, Office of Director. 4pp. 27250:049. 24X
Fiche: 50-417, 84/10/15. 8411010153.

B411210210 Interim Deficiency Rept PRD-84/11 re leaking tantalum capacitors. Initially reported on 840928. SA-1 relays will be returned to Westinghouse for insp & rework. Actions expected to be completed by 830322. Final rept expected by 850412.
DALE, L. F. Mississippi Power & Light Co. 84/10/26. O'REILLY, J. P.
Region 2, Office of Director. 5pp. 27606:070. 24X
Fiche: 50-417, 84/10/26. 8411210210.

B411160173 Final Deficiency Rept PRD-84/09 re defective pieces of steel received from Dubose Steel, Inc. Initially reported on 840601. Std practices for inspecting defects will be followed. Item not reportable, per 10CFR50.35(e).
DALE, L. F. Mississippi Power & Light Co. 84/10/31. O'REILLY, J. P.
Region 2, Office of Director. 5pp. 27545:349. 24X
Fiche: 50-417, 84/10/31. 8411160173.

DOCKETED ITEMS

255

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review." RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 8411140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec, figures of failed crankshaft & summary of tensile tests encl. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

8411140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines." RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 8411140344.

8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to fuel conversion. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 8411150011.

8411290625 Deficiency & Part 21 rept re TDI diesel generator problems. Extension requested until 850126 to provide final response to PRDs 84-14, 84-17 & 84-03 due to magnitude of TDI Diesel Generator Owners Group recommendations. DALE, L.F. Mississippi Power & Light Co. 84/11/07. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27722:138. 24X Fiche: 50-417, 84/11/07, 8411290625.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts." RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

--8411290233 "Investigation of Types AN & AH Piston Skirts." * Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

DOCKET 50-423 MILLSTONE NUCLEAR POWER STATION, UNIT 3

A. Application/construction stage documents & correspondence

8411140386 Summarizes concerns & responses to concerns raised in ltr 840702 ltr re NRC position on placing limits for overtime in plant Tech Specs. Commitment to propose suitable Tech Specs for each plant over next 6 months requested. MILLER, J.R. Operating Reactors Branch 3. 84/10/16. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 27525:009. 24X Fiche: 50-000, 84/10/16, 8411140386.

8411050306 Provides info re assurance that facility designed & constructed per applicable FSAR requirements, in response to NRC 840813 request. Review & responses requested to allow resolution by 841130. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/26. EISENHUT, D.G. Division of Licensing. 12pp. 27298:249. 24X Fiche: 50-423, 84/10/26, 8411050306.

8411160433 Requests addl info re how error in calculations associated w/design of load path for reactor coolant pump (P1) snubber support occurred & actions taken to assure that error only occurred in P1 design. EISENHUT, D.G. Division of Licensing. 84/11/08. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27548:204. 24X Fiche: 50-423, 84/11/08, 8411160433.

8411160491 Informs of review of instrument tubing program for application in safety-related sys. Program acceptable pending rev to submittal to address tubing supports & American Nuclear Insurers witnessing of pressure testing. YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/08. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27546:360. 24X Fiche: 50-423, 84/11/08, 8411160491.

8411280279 Forwards EQ&O Aug 1984 technical rept, "Control of Heavy Loads at Nuclear Power Plants, Millstone Unit 3 (Phase I)" re Section 5.1.1 of NUREG-0612 for review & response. YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/15. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 4pp. 27681:273. 24X Fiche: 50-423, 84/11/15, 8411280279.

--8410310588 "Control of Heavy Loads at Nuclear Power Plants, Millstone Unit 3 (Phase I)," technical evaluation rept. JENSEN, S.A. EQ&O, Inc. FIN A-6457. 84/08/31. NRC - No Detailed Affiliation Given. 35pp. 27681:277. 24X Fiche: 50-423, 84/11/15, 8411280279.

8411280540 Advises that use of Code Case N-411 for damping values in response spectrum seismic analyses for piping acceptable, provided outlined commitment supported in revised ltr to NRC. YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/16. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 3pp. 27682:158. 24X Fiche: 50-423, 84/11/16, 8411280540.

D. NRC Draft/Final Environmental Statements, suppl & correspondence

8411210290 Submits addl info & responses to environ protection comments re DES (NUREG-1064), per 841017 request. Operation of facility will not result in loss of any existing shoreline recreational opportunities to public. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 84/11/13. PAC, S.J. Connecticut, State of. 2pp. 27607:361. 24X Fiche: 50-423, 84/11/13, 8411210290.

E. NRC Safety Evaluation Report (SER), suppl & correspondence

8411270226 Forwards emergency operating procedures generation package, per Suppl 1 to NUREG-0737 & 850415 & 840419 commitments. Submittal considered sufficient to complete action for SER Confirmatory Item 62 described in 840802 ltr. COUNCIL, W.G. SEARS, C.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/01. YOUNGBLOOD, B.J. Licensing Branch 1. 6pp. 27639:181. 24X Fiche: 50-423, 84/10/01, 8411270226.

8411010303 Forwards responses to SER (NUREG-1031), Confirmatory Items 6, 9 & 22, per 840614 discussion w/NRC. Data to justify automobile impact & impulse parameters & survey of exterior wall panels to provide tornado missile protection submitted. COUNCIL, W.G. FEE, W.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/18. YOUNGBLOOD, B.J. Licensing Branch 1. 115pp. 27231:223. 24X Fiche: 50-423, 84/10/18, 8411010303.

8411010424 Responds to SER (NUREG-1031) Confirmatory Items 2, 3 & 4. FSAR revs will appear in Amend 10 to FSAR, scheduled for submittal in Oct 1984. Responses should fully resolve NRC concerns. COUNCIL, W.G. FEE, W.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/18. YOUNGBLOOD, B.J. Licensing Branch 1. 11pp. 27229:182. 24X Fiche: 50-423, 84/10/18, 8411010424.

8411050240 Forwards comments on NUREG-1031, "SER re Operation of Millstone Nuclear Power Station Unit 3." COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/26. YOUNGBLOOD, B.J. Licensing Branch 1. 13pp. 27303:202. 24X Fiche: 50-423, 84/10/26, 8411050240.

8411090221 Forwards response to SER Confirmatory Item 37 re power lockout feature for certain motor operated valves. Power lockout used to preclude single failure that could cause inadvertent change in valve position. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/31. YOUNGBLOOD, B.J. Licensing Branch 1. 2pp. 27398:147. 24X Fiche: 50-423, 84/10/31, 8411090221.

8411190291 Forwards response to SER Confirmatory Item 16 re control rod drive structural matl. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/11/09. YOUNGBLOOD, B.J. Licensing Branch 1. 3pp. 27534:323. 24X Fiche: 50-423, 84/11/09, 8411190291.

DOCKETED ITEMS

F. Security, medical, emergency & fire protection plans

8411270226 Forwards emergency operating procedures generation package, per Suppl 1 to NUREG-0737 & 830415 & 840419 commitments. Submittal considered sufficient to complete action for SER Confirmatory Item 62 described in 840802 ltr. COUNCIL, W.G., SEARS, C.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/01. YOUNGBLOOD, B.J. Licensing Branch 1. 6pp. 27639:181. 24X Fiche: 50-423, 84/10/01, 8411270226.

--8411270234 Emergency operating procedures generation package. * Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 84/10/31. 1331pp. 27639:187. 24X Fiche: 50-423, 84/10/01, 8411270226.

8411190283 Forwards control room design review summary rept, per Suppl 1 to NUREG-0737, w/o encl. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/11/01. YOUNGBLOOD, B.J. Licensing Branch 1. 2pp. 27554:001. 24X Fiche: 50-423, 84/11/01, 8411190283.

8411190299 Informs that error identified in Attachment II to 841009 discussion of 840510 review meeting re fire related core melt frequency number. Error corrected in encl revised Attachment II. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/11/09. YOUNGBLOOD, B.J. Licensing Branch 1. 7pp. 27554:316. 24X Fiche: 50-423, 84/11/09, 8411190299.

I. Financial information

8411290023 Advises that review of financial info submitted for 1984 completed. Info satisfies requirements of 10CFR140, Section 140.21 that each licensee maintain approved guarantee of deferred premiums for each operating reactor over 100 MW(e). SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/20. PALMER, D.H. Northeast Utilities. 1p. 27700:306. 24X Fiche: 50-245, 84/11/20, 8411290023.

G. Inspection reports, IE Bulletins & correspondence

8411090499 Forwards Insp Rept 50-423/84-13 on 840820-24. No violations noted. MARTIN, T.T. Division of Engineering & Technical Programs. 84/10/11. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27416:228. 24X Fiche: 50-423, 84/10/11, 8411090499.

--8411090504 Insp Rept 50-423/84-13 on 840820-24. No noncompliance noted. Major areas inspected: preoperational test program; schedule for completion & turnover of sys & subsystems & schedule of testing activities. NICHOLAS, H.H., BETTENHAUSEN, L. Region 1, Office of Director. 84/09/11. 14pp. 27416:230. 24X Fiche: 50-423, 84/10/11, 8411090499.

8411130201 Forwards Insp Rept 50-423/84-15 on 840828-31. No violations noted. MARTIN, T.T. Region 1, Office of Director. 84/10/18. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27460:048. 24X Fiche: 50-423, 84/10/18, 8411130201.

--8411130208 Insp Rept 50-423/84-15 on 840828-31. No violations noted. Major areas inspected: preservice insp of reactor pressure vessel, including review of program, procedures & records & observations of work in progress. MCBREARTY, R.A. Region 1, Office of Director. DURR, J.P. Division of Engineering & Technical Programs. 84/10/10. 5pp. 27460:050. 24X Fiche: 50-423, 84/10/18, 8411130201.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411130055 Forwards SALP Rept 50-423/84-19 for Sept 1983 - Aug 1984. STAROSTECKI, R. Region 1, Office of Director. 84/10/26. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27460:256. 24X Fiche: 50-423, 84/10/26, 8411130055.

--8411130060 SALP Rept 50-423/84-19 for Sept 1983 - Aug 1984. * Region 1, Office of Director. 84/10/26. 33pp. 27460:258. 24X Fiche: 50-423, 84/10/26, 8411130055.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411290552 Forwards Insp Rept 50-423/84-17 on 840917-21. No violation noted. MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/02. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27722:107. 24X Fiche: 50-423, 84/11/02, 8411290552.

--8411290559 Insp Rept 50-423/84-17 on 840917-21. No noncompliance noted. Major areas inspected: preoperational test program requirements, control of documents, test procedures, plant maint, test procedure reviews & results, evaluation & tours. NICHOLAS, H.H., BETTENHAUSEN, L. Region 1, Office of Director. 84/10/25. 12pp. 27722:109. 24X Fiche: 50-423, 84/11/02, 8411290552.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411280564 Forwards Insp Rept 50-423/84-18 on 840917-21. No violation noted. MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/07. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). 2pp. 27689:122. 24X Fiche: 50-423, 84/11/07, 8411280564.

--8411280570 Insp Rept 50-423/84-18 on 840917-21. No violation noted. Major areas inspected: licensee action on previous insp findings, observation & evaluation of work performance & review of QC records re installation of pipe supports. NARROW, L., DURR, J.P. Region 1, Office of Director. 84/10/30. 5pp. 27689:124. 24X Fiche: 50-423, 84/11/07, 8411280564.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411260242 Requests that quality of Bohnson HVAC equipment be reviewed during insps of Shorham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bohnson equipment. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

S. Reportable occurrences, LERs & related correspondence

8411060610 Final Potential Significant Deficiency Rept SD-56 re radiographs supplied by Tubeco. Initially reported on 840519. Results of radiograph sample lot review & qualitative review of four weldments shows that Tubeco weld quality adequate. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/09/28. MURLEY, T.E. Region 1, Office of Director. 2pp. 27350:202. 24X Fiche: 50-423, 84/09/28, 8411060610.

8411030720 Final Significant Deficiency Rept SD-38 re containment liner stud spacing in excess of spec requirements. Initially reported on 830519. Present containment stud spacing adequate. Item not reportable per 10CFR50.55(e). COUNCIL, W.G., FEE, W.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/12. MURLEY, T.E. Region 1, Office of Director. 9pp. 27281:013. 24X Fiche: 50-423, 84/10/12, 8411030720.

841130026 Interim Significant Deficiency Rept SD-59 re design & const of control cabinets supplied by Westinghouse. Initially reported on 840919. Program to identify & verify internal wiring configuration initiated. Next rept by 850115. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/22. MURLEY, T.E. Region 1, Office of Director. 1p. 27461:119. 24X Fiche: 50-423, 84/10/22, 841130026.

841130215 Final Significant Deficiency Rept SD-51 re defect in NAMCO Model EA-180 limit switches provided as accessories on valves supplied by Pacific Valves & Fischer Controls. Initially reported on 840131. Repairs complete. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/23. MURLEY, T.E. Region 1, Office of Director. 2pp. 27460:061. 24X Fiche: 50-423, 84/10/23, 841130215.

841190102 Final Significant Deficiency Rept SD-60 re Westinghouse motors on Limitorque motor operated valves. Initially reported on 840927. Motors on order for all affected valves. Motors will be replaced prior to fuel load. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/10/26. MURLEY, T.E. Region 1, Office of Director. 2pp. 27568:075. 24X Fiche: 50-423, 84/10/26, 841190102.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office. Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

8411280576 Final Significant Deficiency Rept SD-61 re problem in threaded neck seal of Rosemount pressure transmitters. Initially reported on 841010. Item not reportable per 10CFR50.55(e). COUNCIL, W.G., SEARS, C.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 84/11/07. MURLEY, T.E. Region 1, Office of Director. 2pp. 27685:362. 24X Fiche: 50-423, 84/11/07, 8411280576.

8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl. WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, 84/11/12, 8411260340.

DOCKET 50-424 VOOTLE ELECTRIC GENERATING PLANT

A. Application/construction stage documents & correspondence

8411010087 Confirms 840906 telcon w/RE Conway re 840914 mgt meeting to discuss pilot program concerning establishment of readiness review packages for facility. O'REILLY, J.P. Region 2, Office of Director. 84/09/10. KELLY, R.J. Georgia Power Co. 1p. 27250:003. 24X Fiche: 50-424, 84/09/10, 8411010087.

8411010158 Discusses 840905 mgt meeting in Region II ofc re facility organization status & goals for const & operation. Attendance list encl. O'REILLY, J.P. Region 2, Office of Director. 84/09/13. KELLY, R.J. Georgia Power Co. 3pp. 27250:053. 24X Fiche: 50-424, 84/09/13, 8411010158.

8411010307 Confirms 840914 telcon re 840921 mgt meeting in Bethesda, MD concerning pilot program establishment of readiness review packages. O'REILLY, J.P. Region 2, Office of Director. 84/09/19. KELLY, R.J. Georgia Power Co. 2pp. 27249:316. 24X Fiche: 50-424, 84/09/19, 8411010307.

8411080296 Proposes pilot program for systematic & disciplined review of implementation of design, const & operational preparation processes. NRC participation in encl proposed readiness review program requested. CONWAY, R.E. Georgia Power Co. 84/10/03. O'REILLY, J.P. Region 2, Office of Director. 16pp. 27391:255. 24X Fiche: 50-424, 84/10/03, 8411080296.

841130650 Confirms scheduling of 841017 mgt meeting at util ofc per 841012 telcon. Meeting will address util proposal for establishment of readiness review packages. O'REILLY, J.P. Region 2, Office of Director. 84/10/16. KELLY, R.J. Georgia Power Co. 2pp. 27461:159. 24X Fiche: 50-424, 84/10/16, 841130650.

8411060244 Notification of 841108 & 09 meetings w/util. Bechtel, Westinghouse & SCS in Waynesboro, GA to conduct mechanical engineering review of main steam line outside containment & design specs. Agenda items encl. MILLER, M.A. Licensing Branch 4. 84/10/25. ADENSAM, E.G. Licensing Branch 4. 3pp. 27329:339. 24X Fiche: 50-424, 84/10/25, 8411060244.

8411070320 Forwards list of info to be collected by NRC Caseload Forecast Panel at 841115-16 site visit re const status. Panel assessment will be forwarded following site visit. ADENSAM, E.G. Licensing Branch 4. 84/10/25. FOSTER, D.O. Georgia Power Co. 3pp. 27388:089. 24X Fiche: 50-424, 84/10/25, 8411070320.

8411080253 Forwards summary of NRC 841017 meeting w/util at util headquarters re current activities of readiness review program. Meeting beneficial. W/o encl. O'REILLY, J.P. Region 2, Office of Director. 84/10/29. KELLY, R.J. Georgia Power Co. 1p. 27391:286. 24X Fiche: 50-424, 84/10/29, 8411080253.

8411090029 Notification of 841115 & 16 Caseload Forecast Panel visit w/util in Waynesboro, GA to discuss recent const progress & present status of project, tour project & observe const activities. MILLER, M.A. Licensing Branch 4. 84/10/30. ADENSAM, E.G. Licensing Branch 4. 4pp. 27423:300. 24X Fiche: 50-424, 84/10/30, 8411090029.

8411020283 Forwards proprietary "Sample Calculation for Evaluation of Tornado Load Effects on Structures" & request for withholding info from public disclosure (ref 10CFR2.790). FOSTER, D.O. Georgia Power Co. 84/10/31. ADENSAM, E.G. Licensing Branch 4. 2pp. 27254:001. 24X Fiche: 50-424, 84/10/31, 8411020283.

8411020287 Requests proprietary "Sample Calculation for Evaluation of Tornado Load Effects on Structures" be withheld (ref 10CFR2.790). MALCOM, M. Bechtel Corp. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 6pp. 27254:003. 24X Fiche: 50-424, 84/10/31, 8411020287.

8411050157 Forwards design repts containing info specified in App C to SRP 3.8.4. Repts submitted to assist in planning & conducting 841203-07 structural audit. FOSTER, D.O. Georgia Power Co. 84/10/31. ADENSAM, E.G. Licensing Branch 4. 2pp. 27304:217. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050161 "Containment Bldg Design Rept." * Bechtel Corp. 84/10/31. 227pp. 27304:219. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050162 "Containment Internal Structure Design Rept." * Bechtel Corp. 84/10/31. 15pp. 27305:086. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050168 "Auxiliary Bldg Design Rept." * Bechtel Corp. 84/10/31. 88pp. 27305:266. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050179 "Control Bldg Design Rept." * Bechtel Corp. 84/10/31. 106pp. 27305:355. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050186 "Fuel Handling Bldg Design Rept." * Bechtel Corp. 84/10/31. 100pp. 27306:101. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050195 "Nuclear Svc Cooling Water Tower & Valve House Design Dept." * Bechtel Corp. 84/10/31. 123pp. 27306:203. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050198 "Diesel Generator Bldg Design Rept." * Bechtel Corp. 84/10/31. 77pp. 27306:326. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050204 "Auxiliary Feedwater Pumphouse Design Rept." * Bechtel Corp. 84/10/31. 63pp. 27307:039. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050208 "Category 1 Tanks Design Rept." * Bechtel Corp. 84/10/31. 59pp. 27307:102. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050212 "Diesel Fuel Oil Storage Tank Pumphouse Design Rept." * Bechtel Corp. 84/10/31. 61pp. 27307:185. 24X Fiche: 50-424, 84/10/31, 8411050157.

8411050221 "Category 1 Tunnels Design Rept." * Bechtel Corp. 84/10/31. 75pp. 27307:244. 24X Fiche: 50-424, 84/10/31, 8411050157.

DOCKETED ITEMS

--8411050225 "Seismic Analysis Rept."
* Bechtel Corp. 84/10/31. 228pp. 27307:317. 24X
Fiche: 50-424, 84/10/31, 8411050157.

8411090104 Summary of 841019 telcon w/util representative re
transmission line crossing over Ebenezer Creek Swamp, per
Fish & Wildlife Svc 841014 ltr.
HOOD, D. Licensing Branch 4. 84/10/31. Licensing Branch 4. 1p.
27424:246. 24X Fiche: 50-424, 84/10/31, 8411090104.

8411140167 Forwards I Altman trip rept of 840621-22 site visit re exam
of clastic dikes.
MILLER, M.A. Licensing Branch 4. 84/11/07. Licensing Branch 4.
29pp. 27523:185. 24X Fiche: 50-424, 84/11/07, 8411140167.

8411140176 Forwards proprietary info re archaeological & historical
resources along Vogtle - Thalmann transmission line right-
of-way, per 840803 commitment.
FOSTER, D.O. Georgia Power Co. 84/11/07. ADENSAM, E.G. Licensing
Branch 4. 2pp. 27466:341. 24X Fiche: 50-424, 84/11/07, 8411140176.

8411140261 Forwards final NPDES permit issued by State of GA, Environ
Protection Div. Final permit will be included in DL stage
environ rept in next amend.
FOSTER, D.O. Georgia Power Co. 84/11/07. ADENSAM, E.G. Licensing
Branch 4. 16pp. 27469:288. 24X Fiche: 50-424, 84/11/07, 8411140261.

8411210370 Ack receipt of 841003 ltr re util plans to conduct plant
pilot operational readiness review program. Proposal for
NRC participation reviewed. NRC participation will improve
assurance of public health & safety.
DIRCKS, W.J. Office of the Executive Director for Operations.
84/11/09. CONWAY, R.E. Georgia Power Co. 4pp. 27617:111. 24X
Fiche: 50-424, 84/11/09, 8411210370.

8411260279 Summary of 840919 meeting w/util, Westinghouse, Bechtel &
Southern Co Svcs, Inc re classification of components & sys.
List of attendees encl.
MILLER, M.A. Licensing Branch 4. 84/11/14. Licensing Branch 4.
5pp. 27646:336. 24X Fiche: 50-424, 84/11/14, 8411260279.

8411210333 Summary of 840827-30 meetings w/util, Southern Co Svcs, Inc,
Westinghouse & Bechtel in Norwalk, CA re applicant responses
to NRC questions transmitted by 840430 ltr & audit of
instrumentation & control sys. Attendance list encl.
MILLER, M.A. Licensing Branch 4. 84/11/15. Licensing Branch 4.
69pp. 27617:159. 24X Fiche: 50-424, 84/11/15, 8411210333.

8411280432 Notification of 841204-06 meetings w/Bechtel, Westinghouse &
Southern Co Svcs, Inc in Norwalk, CA to discuss structural
design repts submitted by util 841031 ltr. Agenda encl.
MILLER, M.A. Licensing Branch 4. 84/11/20. ADENSAM, E.G. Licensing
Branch 4. 4pp. 27682:290. 24X Fiche: 50-424, 84/11/20, 8411280432.

8411290643 Forwards request for addl info re TMI Action Item
II.E.4.2(6) concerning containment purge & vent valve
operability, as previously forwarded by D Eisenhower on 830906.
ADENSAM, E.G. Licensing Branch 4. 84/11/26. FOSTER, D.O. Georgia
Power Co. 7pp. 27700:121. 24X Fiche: 50-424, 84/11/26, 8411290643.

D. NRC Draft/Final Environmental Statements, suppl & correspondence

8411210118 DRAFT ENVIRONMENTAL STATEMENT RELATED TO THE OPERATION OF
VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2. Docket Nos.
50-424 And 50-425. (Georgia Power Company)
* Division of Licensing. NUREG-1087 DRAFT. 84/10/31. 314pp.
27618:133. 24X Fiche: 50-424, 84/10/31, 8411210118.

E. NRC Safety Evaluation Report (SER), suppl & correspondence

8411280377 Forwards draft SER for facilities. Safety review incomplete.
Missing sections of rept to be provided by 841213. Proposed
schedule for submittal of responses to open items requested
by 841130.
NOVAK, T.M. Assistant Director for Licensing. 84/11/06. FOSTER, D.O.
Georgia Power Co. 2pp. 27679:285. 24X Fiche: 50-424, 84/11/06.
8411280377.

--8411280381 Draft SER for facilities.
* NRC - No Detailed Affiliation Given. 84/11/30. 540pp.
27679:288. 24X Fiche: 50-424, 84/11/06, 8411280377.

& fire protection plans

tion of emergency exercise info.
* submitted 43 days in
advance.
Resident Programs. 84/10/11.
27460:297. 24X

8411060103 Forwards Amend 2 to physical security & contingency plan.
Amend withheld (ref 10CFR2.790).
FOSTER, D.O. Georgia Power Co. 84/10/31. ADENSAM, E.G. Licensing
Branch 4. 1p. 27311:355. 24X Fiche: 50-424, 84/10/31, 8411060103.

G. Adjudicatory correspondence

8411060292 Interrogatories re Contentions 7 & 11 & Subcontentions 10.1,
10.3 & 10.5. Certificate of Svc encl. Related correspondence.
BORDENICK, B.M. Hearing Branch 3. #484 919. 84/11/01. Campaign
for Prosperous Georgia. 8pp. 27311:347. 24X Fiche: 50-424, 84/11/01,
8411060292.

8411060616 Memorandum & order overruling intervenor 840927 objections
to ASLB 840905 order on Contentions 10.2 & 11, denying
request to amend Contention B & setting time to file revised
emergency planning contentions. Served on 841106.
MARGULIES, M.B., LINENBERGER, G., PARIS, O.H. Atomic Safety and
Licensing Board Panel. #484 954. 84/11/05. Campaign for
Prosperous Georgia. 10pp. 27327:114. 24X Fiche: 50-424, 84/11/05,
8411060616.

8411070236 First set of interrogatories & request for production of
documents. Certificate of Svc encl. Request correspondence.
TROWBRIDGE, G.F. Georgia Power Co. TROWBRIDGE, G.F. Shaw, Pittman,
Potts & Trowbridge. #484 001. 84/11/05. Campaign for Prosperous
Georgia. 25pp. 27386:132. 24X Fiche: 50-424, 84/11/05, 8411070236.

8411150236 Motion to correct ASLB 841105 memorandum & order. ASLB should
correct quote "falsification of concrete quality records" &
delete listed quote from intervenors Contention B. Insp repts
& Certificate of Svc encl.
TROWBRIDGE, G.F. Georgia Power Co. TROWBRIDGE, G.F. Shaw, Pittman,
Potts & Trowbridge. #484 147. 84/11/14. Atomic Safety and
Licensing Board Panel. 34pp. 27528:185. 24X Fiche: 50-424, 84/11/14,
8411150236.

8411150272 Notifies that Commissioner Roberts will tour plant on
841129. Parties invited to provide no more than one
representative. Util should be notified to ensure access to
facility. Served on 841114.
CHESTNUT, S.H. Commissioners. #484 133. 84/11/14. Office of the
Executive Legal Director. 1p. 27528:106. 24X Fiche: 50-424,
84/11/14, 8411150272.

8411200193 Second set of interrogatories re Contention B. Certificate
of Svc encl. Related correspondence.
BORDENICK, B.M. Hearing Branch 3. #484 216. 84/11/16. Campaign
for Prosperous Georgia. 5pp. 27577:108. 24X Fiche: 50-424, 84/11/16,
8411200193.

8411200201 Forwards DES (NUREG-1087). W/o stated encl. Related
correspondence.
BORDENICK, B.M. Hearing Branch 3. #484 228. 84/11/16.
MARGULIES, M.B., PARIS, O.H., LINENBERGER, G. Atomic Safety and
Licensing Board Panel. 2pp. 27577:321. 24X Fiche: 50-424, 84/11/16,
8411200201.

K. Utility Final Safety Analysis Report (FSAR) & amends

8411160165 Forwards Amend 11 to FSAR. Amend consists of revised pages
for FSAR & provides responses to NRC questions discussed in
840827-30 meeting w/Instrumentation & Control Sys Branch &
to Adensam 840928 ltr.
FOSTER, D.O. Georgia Power Co. 84/11/07. ADENSAM, E.G. Licensing
Branch 4. 6pp. 27534:264. 24X Fiche: 50-424, 84/11/07, 8411160165.

--8411160171 Amend 11 to FSAR for Vogtle Electric Generating Plant Units
1 & 2.
* Georgia Power Co. 84/11/30. 472pp. 27534:270. 24X
Fiche: 50-424, 84/11/07, 8411160165.

G. Inspection reports, IE Bulletins & correspondence

8411140549 Forwards Insp Repts 50-424/84-23 & 50-425/84-23 on
840828-31. No violation or deviation noted.
DANCE, H.C. Region 2, Office of Director. 84/09/19. KELLY, R.J.
Georgia Power Co. 2pp. 27495:238. 24X Fiche: 50-424, 84/09/19,
8411140549.

--8411140556 Insp Repts 50-424/84-23 & 50-425/84-23 on 840828-31. No
violation or deviation noted. Major areas inspected: GA
implementation procedures for steel structures & supports
& safety-related components.
GRARD, E.H., HALLSTROM, G.A., BLAKE, J.J. Region 2, Office of
Director. 84/09/14. 14pp. 27495:240. 24X Fiche: 50-424, 84/09/19,
8411140549.

8411140095 Forwards Insp Repts 50-424/84-24 & 50-425/84-24 on 840904-07. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/09/26. KELLY, R. J. Georgia Power Co. 2pp. 27492:327. 24X Fiche: 50-424, 84/09/26. 8411140095.

--8411140101 Insp Repts 50-424/84-24 & 50-425/84-24 on 840904-07. No violation or deviation noted. Major areas inspected: electrical cable terminations, protective relay settings & IE Bulletin 84-02.
MERRIWEATHER, N., CONLON, T. E. Region 2, Office of Director. 84/09/24. 7pp. 27492:329. 24X Fiche: 50-424, 84/09/26. 8411140095.

8411140285 Forwards Insp Repts 50-424/84-25 & 50-425/84-25 on 840802-0914. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/09/28. KELLY, R. J. Georgia Power Co. 2pp. 27491:341. 24X Fiche: 50-424, 84/09/28. 8411140285.

--8411140299 Insp Repts 50-424/84-25 & 50-425/84-25 on 840802-0914. No violation or deviation noted. Major areas inspected: transporting & lifting of NSSS equipment, installation & setting of Unit 1 reactor pressure vessel.
SANDERS, W. F., PANCIERA, V. W. Region 2, Office of Director. 84/09/27. 5pp. 27491:343. 24X Fiche: 50-424, 84/09/28. 8411140285.

8410250031 IE Info Notice 84-77. "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26. 8410250031.

8411010388 IE Info Notice 84-78. "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02. 8411010388.

8411010487 IE Info Notice 84-79. "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05. 8411010487.

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08. 8411060254.

8411150236 Motion to correct ASLB 841105 memorandum & order. ASLB should correct quote "falsification of concrete quality records" & delete listed quote from intervenors' Contention 8. Insp repts & Certificate of Svc encl.
TROWBRIDGE, G. F. Georgia Power Co. TROWBRIDGE, G. F. Shaw, Pittman, Potts & Trowbridge. #484 147. 84/11/14. Atomic Safety and Licensing Board Panel. 34pp. 27528:185. 24X Fiche: 50-424, 84/11/14. 8411150236.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16. 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16. 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19. 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J. B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19. 8411080347.

8411200066 Interim deficiency rept re quality of welds & radiographs. Applicant awaiting vendor evaluations from addl meetings. Final rept will be submitted by 850118.
FOSTER, D. O. Georgia Power Co. 84/10/01. O'REILLY, J. P. Region 2, Office of Director. 1p. 27585:114. 24X Fiche: 50-424, 84/10/01. 8411200066.

8411200147 Final deficiency rept re cracks in containment pipe rack welds. Initially reported on 840720. Caused by stress due to solidification shrinkage. Corrective actions include use of large diameter weld rod & reduction of excessive gaps.
FOSTER, D. O. Georgia Power Co. 84/10/17. O'REILLY, J. P. Region 2, Office of Director. 9pp. 27585:133. 24X Fiche: 50-424, 84/10/17. 8411200147.

8411290382 Final deficiency rept re discrepancies in HVAC duct support welding performed by Pullman/Kenith-Fortson. Initially reported on 840131. Condition not reportable under 10CFR50.55(e) or 10CFR21.
FOSTER, D. O. Georgia Power Co. 84/10/26. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27721:156. 24X Fiche: 50-424, 84/10/26. 8411290382.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept. "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C. L. Duke Power Co. 84/11/01. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01. 8411140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec, figures of failed crankshaft & summary of tensile tests encl.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06. 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06. 8411080326.

8411140344 Forwards revised Page 3-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06. 8411140344.

8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07. 8411150011.

8411260049 Responds to Generic Ltr 84-15. "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D. O. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16. 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27. 8411290194.

--8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27. 8411290194.

V. Operator Examinations

8411010185 Forwards summary of 840927 meeting in Bethesda, MD re eligibility requirements to license company employees at Sumner & Farley plants. Viewgraphs & attendance list encl.
DANCE, H. C. Region 2, Office of Director. 84/10/04. KELLY, R. J. Georgia Power Co. 7pp. 27249:157. 24X Fiche: 50-424, 84/10/04. 8411010185.

DOCKETED ITEMS

DOCKET 50-425 VOGTLE ELECTRIC GENERATING PLANT

A. Application/construction stage documents & correspondence

- 8411010087 Confirms 840906 telcon w/RE Conway re 840914 mgt meeting to discuss pilot program concerning establishment of readiness review packages for facility.
O'REILLY, J.P. Region 2, Office of Director. 84/09/10. KELLY, R.J. Georgia Power Co. 1p. 27250:003. 24X Fiche: 50-424, 84/09/10, 8411010087.
- 8411010158 Discusses 840905 mgt meeting in Region II ofc re facility organization status & goals for const & operation. Attendance list encl.
O'REILLY, J.P. Region 2, Office of Director. 84/09/13. KELLY, R.J. Georgia Power Co. 3pp. 27250:053. 24X Fiche: 50-424, 84/09/13, 8411010158.
- 8411010307 Confirms 840914 telcon re 840921 mgt meeting in Bethesda, MD concerning pilot program establishment of readiness review packages.
O'REILLY, J.P. Region 2, Office of Director. 84/09/19. KELLY, R.J. Georgia Power Co. 2pp. 27249:316. 24X Fiche: 50-424, 84/09/19, 8411010307.
- 8411080296 Proposes pilot program for systematic & disciplined review of implementation of design, const & operational preparation processes. NRC participation in encl proposed readiness review program requested.
CONWAY, R.E. Georgia Power Co. 84/10/03. O'REILLY, J.P. Region 2, Office of Director. 16pp. 27391:255. 24X Fiche: 50-424, 84/10/03, 8411080296.
- 8411130650 Confirms scheduling of 841017 mgt meeting at util ofc, per 841012 telcon. Meeting will address util proposal for establishment of readiness review packages.
O'REILLY, J.P. Region 2, Office of Director. 84/10/16. KELLY, R.J. Georgia Power Co. 2pp. 27461:159. 24X Fiche: 50-424, 84/10/16, 8411130650.
- 8411060244 Notification of 841108 & 09 meetings w/util, Bechtel, Westinghouse & SCS in Waynesboro, GA to conduct mechanical engineering review of main steam line outside containment & design specs. Agenda items encl.
MILLER, M.A. Licensing Branch 4. 84/10/25. ADENSAM, E.G. Licensing Branch 4. 3pp. 27329:339. 24X Fiche: 50-424, 84/10/25, 8411060244.
- 8411070320 Forwards list of info to be collected by NRC Caseload Forecast Panel at 841115-16 site visit re const status. Panel assessment will be forwarded following site visit.
ADENSAM, E.G. Licensing Branch 4. 84/10/25. FOSTER, D.O. Georgia Power Co. 3pp. 27388:089. 24X Fiche: 50-424, 84/10/25, 8411070320.
- 8411080253 Forwards summary of NRC 841017 meeting w/util at util headquarters re current activities of readiness review program. Meeting beneficial. W/o encl.
O'REILLY, J.P. Region 2, Office of Director. 84/10/29. KELLY, J.R. Georgia Power Co. 1p. 27391:286. 24X Fiche: 50-424, 84/10/29, 8411080253.
- 8411090029 Notification of 841115 & 16 Caseload Forecast Panel visit w/util in Waynesboro, GA to discuss recent const progress & present status of project; tour project & observe const activities.
MILLER, M.A. Licensing Branch 4. 84/10/30. ADENSAM, E.G. Licensing Branch 4. 4pp. 27423:300. 24X Fiche: 50-424, 84/10/30, 8411090029.
- 8411020283 Forwards proprietary "Sample Calculation for Evaluation of Tornado Load Effects on Structures" & request for withholding info from public disclosure (ref 10CFR2.790).
FOSTER, D.O. Georgia Power Co. 84/10/31. ADENSAM, E.G. Licensing Branch 4. 2pp. 27254:001. 24X Fiche: 50-424, 84/10/31, 8411020283.
- 8411020287 Requests proprietary "Sample Calculation for Evaluation of Tornado Load Effects on Structures" be withheld (ref 10CFR2.790).
MALCOM, M. Bechtel Corp. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 6pp. 27254:003. 24X Fiche: 50-424, 84/10/31, 8411020283.
- 8411050157 Forwards design repts containing info specified in App C to SRP 3.8.4. Repts submitted to assist in planning & conducting 841203-07 structural audit.
FOSTER, D.O. Georgia Power Co. 84/10/31. ADENSAM, E.G. Licensing Branch 4. 2pp. 27304:217. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050161 "Containment Bldg Design Rept."
* Bechtel Corp. 84/10/31. 227pp. 27304:219. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050162 "Containment Internal Structure Design Rept."
* Bechtel Corp. 84/10/31. 15pp. 27305:086. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050168 "Auxiliary Bldg Design Rept."
* Bechtel Corp. 84/10/31. 88pp. 27305:266. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050179 "Control Bldg Design Rept."
* Bechtel Corp. 84/10/31. 106pp. 27305:355. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050186 "Fuel Handling Bldg Design Rept."
* Bechtel Corp. 84/10/31. 100pp. 27306:101. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050195 "Nuclear Svc Cooling Water Tower & Valve House Design Dept."
* Bechtel Corp. 84/10/31. 123pp. 27306:203. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050198 "Diesel Generator Bldg Design Rept."
* Bechtel Corp. 84/10/31. 77pp. 27306:326. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050204 "Auxiliary Feedwater Pumphouse Design Rept."
* Bechtel Corp. 84/10/31. 63pp. 27307:039. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050208 "Category 1 Tanks Design Rept."
* Bechtel Corp. 84/10/31. 85pp. 27307:102. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050212 "Diesel Fuel Oil Storage Tank Pumphouse Design Rept."
* Bechtel Corp. 84/10/31. 61pp. 27307:185. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050221 "Category 1 Tunnels Design Rept."
* Bechtel Corp. 84/10/31. 75pp. 27307:244. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411050225 "Seismic Analysis Rept."
* Bechtel Corp. 84/10/31. 228pp. 27307:317. 24X Fiche: 50-424, 84/10/31, 8411050157.
- 8411090104 Summary of 841019 telcon w/util representative re transmission line crossing over Ebenezer Creek Swamp, per Fish & Wildlife Svc 841016 ltr.
HODD, D. Licensing Branch 4. 84/10/31. Licensing Branch 4. 1p. 27424:246. 24X Fiche: 50-424, 84/10/31, 8411090104.
- 841140167 Forwards I Altman trip rept of 840621-22 site visit re exam of elastic dikes.
MILLER, M.A. Licensing Branch 4. 84/11/07. Licensing Branch 4. 29pp. 27325:185. 24X Fiche: 50-424, 84/11/07, 841140167.
- 841140176 Forwards proprietary info re archaeological & historical resources along Vogtle - Thalmann transmission line right-of-way, per 840803 commitment.
FOSTER, D.O. Georgia Power Co. 84/11/07. ADENSAM, E.G. Licensing Branch 4. 2pp. 27466:341. 24X Fiche: 50-424, 84/11/07, 841140176.
- 841140261 Forwards final NPDES permit issued by State of GA, Environ Protection Div. Final permit will be included in OL stage environ rept in next amend.
FOSTER, D.O. Georgia Power Co. 84/11/07. ADENSAM, E.G. Licensing Branch 4. 16pp. 27469:288. 24X Fiche: 50-424, 84/11/07, 841140261.
- 8411260279 Summary of 840919 meeting w/util, Westinghouse, Bechtel & Southern Co Svcs, Inc re classification of components & sys. List of attendees encl.
MILLER, M.A. Licensing Branch 4. 84/11/14. Licensing Branch 4. 5pp. 27646:336. 24X Fiche: 50-424, 84/11/14, 8411260279.
- 8411210333 Summary of 840827-30 meetings w/util, Southern Co Svcs, Inc, Westinghouse & Bechtel in Norwalk, CA re applicant responses to NRC questions transmitted by 840430 ltr & audit of instrumentation & control sys. Attendance list encl.
MILLER, M.A. Licensing Branch 4. 84/11/15. Licensing Branch 4. 6pp. 27617:159. 24X Fiche: 50-424, 84/11/15, 8411210333.
- 8411280452 Notification of 841204-06 meetings w/Bechtel, Westinghouse & Southern Co Svcs, Inc in Norwalk, CA to discuss structural design repts submitted by util 841031 ltr. Agenda encl.
MILLER, M.A. Licensing Branch 4. 84/11/20. ADENSAM, E.G. Licensing Branch 4. 4pp. 27682:290. 24X Fiche: 50-424, 84/11/20, 8411280452.

DOCKETED ITEMS

261

B411290643 Forwards request for addl info re TMI Action Item II.E.4.2(6) concerning containment purge & vent valve operability, as previously forwarded by D Eisenhut on 830906. ADENSAM, E. G. Licensing Branch 4. 84/11/26. FOSTER, D. O. Georgia Power Co. 7pp. 27700:121. 24X Fiche: 50-424, 84/11/26, 8411290643.

D. NRC Draft/Final Environmental Statements, suppl's & correspondence

B411210118 DRAFT ENVIRONMENTAL STATEMENT RELATED TO THE OPERATION OF VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2. Docket Nos. 50-424 And 50-425. (Georgia Power Company)
* Division of Licensing. NUREG-1087 DRFT. 84/10/31. 314pp. 27618:133. 24X Fiche: 50-424, 84/10/31, 8411210118.

E. NRC Safety Evaluation Report (SER), suppl's & correspondence

B411280377 Forwards draft SER for facilities. Safety review incomplete. Missing sections of rept to be provided by 841215. Proposed schedule for submittal of responses to open items requested by 841130.
NDVAK, T. M. Assistant Director for Licensing. 84/11/06. FOSTER, D. O. Georgia Power Co. 2pp. 27679:285. 24X Fiche: 50-424, 84/11/06, 8411280377.

--B411280381 Draft SER for facilities.
* NRC - No Detailed Affiliation Given. 84/11/30. 540pp. 27679:288. 24X Fiche: 50-424, 84/11/06, 8411280377.

F. Security, medical, emergency & fire protection plans

B411130062 Revises schedule for submission of emergency exercise info. Detailed exercise scenario should be submitted 45 days in advance, not 20 days as previously required.
LEWIS, R. C. Division of Project & Resident Programs. 84/10/11. KELLY, R. J. Georgia Power Co. 2pp. 24X Fiche: 50-000, 84/10/11, 8411130062.

B411060103 Forwards Amend 2 to physical security & contingency plan. Amend withheld (ref 10CFR2.790).
FOSTER, D. O. Georgia Power Co. 84/10/31. ADENSAM, E. G. Licensing Branch 4. 1p. 27311:355. 24X Fiche: 50-424, 84/10/31, 8411060103.

G. Adjudicatory correspondence

B411060292 Interrogatories re Contentions 7 & 11 & Subcontentions 10.1, 10.3 & 10.5. Certificate of Svc encl. Related correspondence.
BORDENICK, B. M. Hearing Branch 3. #484 919. 84/11/01. Campaign for Prosperous Georgia. 8pp. 27311:347. 24X Fiche: 50-424, 84/11/01, 8411060292.

B411060616 Memorandum & order overruling intervenor 840927 objections to ASLB 840905 order on Contentions 10.2 & 11, denying request to amend Contention 8 & setting time to file revised emergency planning contentions. Served on 841106.
MARQUILIES, M. B., LINENBERGER, G., PARIS, O. H. Atomic Safety and Licensing Board Panel. #484 954. 84/11/03. Campaign for Prosperous Georgia. 10pp. 27327:114. 24X Fiche: 50-424, 84/11/03, 8411060616.

B411070236 First set of interrogatories & request for production of documents. Certificate of Svc encl. Request correspondence.
TROWBRIDGE, G. F. Georgia Power Co. TROWBRIDGE, G. F. Shaw, Pittman, Potts & Trowbridge. #484 001. 84/11/05. Campaign for Prosperous Georgia. 25pp. 27386:132. 24X Fiche: 50-424, 84/11/05, 8411070236.

B411150236 Motion to correct ASLB 841105 memorandum & order. ASLB should correct quote "falsification of concrete quality records" & delete listed quote from intervenors Contention 8. Insp repts & Certificate of Svc encl.
TROWBRIDGE, G. F. Georgia Power Co. TROWBRIDGE, G. F. Shaw, Pittman, Potts & Trowbridge. #484 147. 84/11/14. Atomic Safety and Licensing Board Panel. 34pp. 27528:185. 24X Fiche: 50-424, 84/11/14, 8411150236.

B411150272 Notifies that Commissioner Roberts will tour plant on 841129. Parties invited to provide no more than one representative. Util should be notified to ensure access to facility. Served on 841114.
CHESTNUT, E. H. Commissioners. #484 133. 84/11/14. Office of the Executive Legal Director. 1p. 27528:106. 24X Fiche: 50-424, 84/11/14, 8411150272.

B411200193 Second set of interrogatories re Contention 8. Certificate of Svc encl. Related correspondence.
BORDENICK, B. M. Hearing Branch 3. #484 216. 84/11/16. Campaign for Prosperous Georgia. 5pp. 27577:108. 24X Fiche: 50-424, 84/11/16, 8411200193.

B411200201 Forwards DES (NUREG-1087). W/o stated encl. Related correspondence.
BORDENICK, B. M. Hearing Branch 3. #484 228. 84/11/16. MARQUILIES, M. B., PARIS, O. H., LINENBERGER, G. Atomic Safety and Licensing Board Panel. 2pp. 27577:321. 24X Fiche: 50-424, 84/11/16, 8411200201.

K. Utility Final Safety Analysis Report (FSAR) & amends

B411160165 Forwards Amend 11 to FSAR. Amend consists of revised pages for FSAR & provides responses to NRC questions discussed in 840827-30 meeting w/Instrumentation & Control Sys Branch & to Adensam 840928 ltr.
FOSTER, D. O. Georgia Power Co. 84/11/07. ADENSAM, E. G. Licensing Branch 4. 6pp. 27534:264. 24X Fiche: 50-424, 84/11/07, 8411160165.

--B411160171 Amend 11 to FSAR for Vogtle Electric Generating Plant Units 1 & 2.
* Georgia Power Co. 84/11/30. 472pp. 27534:270. 24X Fiche: 50-424, 84/11/07, 8411160165.

Q. Inspection reports, IE Bulletins & correspondence

B411140549 Forwards Insp Repts 50-424/84-23 & 50-425/84-23 on 840828-31. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/09/19. KELLY, R. J. Georgia Power Co. 2pp. 27495:238. 24X Fiche: 50-424, 84/09/19, 8411140549.

--B411140556 Insp Repts 50-424/84-23 & 50-425/84-23 on 840828-31. No violation or deviation noted. Major areas inspected: GA implementation procedures for steel structures & supports & safety-related components.
GIRARD, E. H., HALLSTROM, G. A., BLAKE, J. J. Region 2, Office of Director. 84/09/14. 14pp. 27495:240. 24X Fiche: 50-424, 84/09/19, 8411140549.

B411140095 Forwards Insp Repts 50-424/84-24 & 50-425/84-24 on 840904-07. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/09/26. KELLY, R. J. Georgia Power Co. 2pp. 27492:327. 24X Fiche: 50-424, 84/09/26, 8411140095.

--B411140101 Insp Repts 50-424/84-24 & 50-425/84-24 on 840904-07. No violation or deviation noted. Major areas inspected: electrical cable terminations, protective relay settings & IE Bulletin 84-02.
MERRIWEATHER, N., CONLON, T. E. Region 2, Office of Director. 84/09/24. 7pp. 27492:329. 24X Fiche: 50-424, 84/09/26, 8411140095.

B411140285 Forwards Insp Repts 50-424/84-25 & 50-425/84-25 on 840802-0914. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/09/28. KELLY, R. J. Georgia Power Co. 2pp. 27491:341. 24X Fiche: 50-424, 84/09/28, 8411140285.

--B411140299 Insp Repts 50-424/84-25 & 50-425/84-25 on 840802-0914. No violation or deviation noted. Major areas inspected: transporting & lifting of NSSS equipment, installation & setting of Unit 1 reactor pressure vessel.
SANDERS, W. F., PANCIERA, V. W. Region 2, Office of Director. 84/09/27. 5pp. 27491:343. 24X Fiche: 50-424, 84/09/28, 8411140285.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKETED ITEMS

8411150236 Motion to correct ASLB 841105 memorandum & order. ASLB should correct quote "falsification of concrete quality records" & delete listed quote from intervenors Contention B. Insp repts & Certificate of Svc encl.
TROWBRIDGE, G.F. Georgia Power Co. #484 147. 84/11/14. Atomic Safety and Licensing Board Panel. 34pp. 27528:185. 24X Fiche: 50-424, 84/11/14, 8411150236.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

8411200066 Interim deficiency rept re quality of welds & radiographs. Applicant awaiting vendor evaluations from addl meetings. Final rept will be submitted by 850118.
FOSTER, D.D. Georgia Power Co. 84/10/01. O'REILLY, J.P. Region 2, Office of Director. 1p. 27585:114. 24X Fiche: 50-424, 84/10/01, 8411200066.

8411200147 Final deficiency rept re cracks in containment pipe rack welds. Initially reported on 840720. Caused by stress due to solidification shrinkage. Corrective actions include use of large diameter weld rod & reduction of excessive gaps.
FOSTER, D.D. Georgia Power Co. 84/10/17. O'REILLY, J.P. Region 2, Office of Director. 9pp. 27585:133. 24X Fiche: 50-424, 84/10/17, 8411200147.

8411290382 Final deficiency rept re discrepancies in HVAC duct support welding performed by Pullman/Kenith-Fortson. Initially reported on 840131. Condition not reportable under 10CFR50.55(e) or 10CFR21.
FOSTER, D.D. Georgia Power Co. 84/10/26. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27721:156. 24X Fiche: 50-424, 84/10/26, 8411290382.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 8411140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27070. 24X Fiche: 50-000, 84/11/06, 8411080326.

Forwards revised Page 5-4 of 840312 rept, "Design Review of Bearing Shells for TDI Enterprise Engines."
(Transamerica Delaval, Inc.) Owners Group. 84/11/06. Office of Nuclear Reactor Regulation, Director. 2pp. 3-000, 84/11/06, 8411140344.

8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 8411150011.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts." RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

8411290233 "Investigation of Types AN & AH Piston Skirts." * Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

DOCKET STN-50-437 FLOATING NUCLEAR PLANT

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

DOCKET 50-438 BELLEFONTE NUCLEAR PLANT, UNIT 1

A. Application/construction stage documents & correspondence

8411010054 Forwards summary of 840926 meeting w/util in Atlanta. GA re util GA reorganization. Attendee list encl.
LEWIS, R.C. Region 2, Office of Director. 84/10/09. PARRIS, H.G. Tennessee Valley Authority. 4pp. 27250:198. 24X Fiche: 50-000, 84/10/09, 8411010054.

8411150279 Advises that GA program submitted on 830711 satisfies requirements of 10CFR50, App B & acceptable.
LEWIS, R.C. Region 2, Office of Director. 84/10/12. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27528:298. 24X Fiche: 50-000, 84/10/12, 8411150279.

DOCKETED ITEMS

263

8411160162 Forwards Rev 8 to "QA Program Description for Design, Const & Operation of TVA Nuclear Power Plants," reflecting organizational changes in program.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27537:331. 24X
Fiche: 50-000, 84/10/22, 8411160162.

--8411160177 Rev 8 to "QA Program Description for Design, Const & Operation of TVA Nuclear Power Plants."
* Tennessee Valley Authority. TVA-TR75-1A ROB. 84/10/22. 239pp.
27537:333. 24X Fiche: 50-000, 84/10/22, 8411160162.

8411150240 Forwards summary of 841016 meeting w/util re functions of nuclear safety review staff. Attendance list & "Summary Description of Activities of TVA Nuclear Safety Review Staff" encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/26. PARRIS, H. G. Tennessee Valley Authority. 20pp. 27529:259. 24X
Fiche: 50-000, 84/10/26, 8411150240.

F. Security, medical, emergency & fire protection plans

8411140530 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27495:212. 24X
Fiche: 50-000, 84/10/11, 8411140530.

G. Inspection reports, IE Bulletins & correspondence

8411140390 Forwards Insp Repts 50-438/84-18 & 50-439/84-18 on 840911-14. No violation or deviation noted.
VERRELLI, D. M. Region 2, Office of Director. 84/09/28. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27491:351. 24X
Fiche: 50-438, 84/09/28, 8411140390.

--8411140394 Insp Repts 50-438/84-18 & 50-439/84-18 on 840911-14. No violation or deviation noted. Major areas inspected: reactor vessel internals (welding) & independent insp effort.
COLEY, J. L., BLAKE, J. J. Region 2, Office of Director. 84/09/27. 6pp. 27491:353. 24X Fiche: 50-438, 84/09/28, 8411140390.

8410250031 IE Info Notice 84-77, "Incident Involving Telotherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411080321 Ack receipt of 840919 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-438/84-04 & 50-439/84-04.
OLSHINSKI, J. A. Region 2, Office of Director. 84/10/31. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27390:024. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080328 Submits second revised response to NRC 840906 telcon & 840322 ltr re violations noted in Insp Repts 50-438/84-04 & 50-439/84-04. Corrective actions: battery cells replaced & reported on 840822 as NRC BLN EEB 8416.
MILLS, L. M. Tennessee Valley Authority. 84/09/19. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27390:026. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080333 Submits revised response to NRC 840601 telcon & 840322 ltr re violations noted in Insp Repts 50-438/84-04 & 50-439/84-04. Corrective actions: Nonconformance Rept 2856 initiated re froth on station batteries.
KAHMER, D. S. Tennessee Valley Authority. 84/06/20. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27390:030. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080340 Responds to NRC 840322 ltr re violations noted in Insp Rept: 50-438/84-04 & 50-439/84-04. Violation re station battery frothing denied.
MILLS, L. M. Tennessee Valley Authority. 84/05/10. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27390:033. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080346 Forwards Insp Repts 50-438/84-04 & 50-439/84-04 on 840207-11 & notice of violation.
VERRELLI, D. M. Division of Project & Resident Programs. 84/03/22. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27390:036. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080350 Notice of violation from insp on 840207-11.
* Region 2, Office of Director. 84/03/22. 1p. 27390:038. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080355 Insp Repts 50-438/84-04 & 50-439/84-04 on 840207-11. Noncompliance noted: failure to document condition adverse to quality (froth on station batteries) per Procedure BLA 16.1.
GIBBONS, T. D. Region 2, Office of Director. CONLON, T. E. Division of Engineering & Operational Programs. 84/03/21. 4pp. 27390:039. 24X Fiche: 50-438, 84/10/31, 8411080321.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J. B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

8411190005 Second interim deficiency rept re conduit support stiffener plates not installed per design drawing. Initially reported on 840604. Util still investigating assignable cause & extent of deficiencies. Next rept by 850130.
MILLS, L. M. Tennessee Valley Authority. 84/09/24. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27368:204. 24X
Fiche: 50-438, 84/09/24, 8411190005.

8411160627 Part 21 & third supplemental final deficiency rept re bonnet studs improperly torqued on DHR valves. Initially reported on 811222. Work on studs for one valve will be completed by 841231.
MILLS, L. M. Tennessee Valley Authority. 84/09/25. O'REILLY, J. P. Region 2, Office of Director. 1p. 27544:358. 24X
Fiche: 50-438, 84/09/25, 8411160627.

8411160100 Final Deficiency Rept NCR 2551 re orientation of ASCO solenoid mounting brackets either redesigned or remounted to give correct solenoid orientation.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27544:205. 24X
Fiche: 50-438, 84/10/22, 8411160100.

8411160205 Third interim deficiency rept re size of lines of flow restrictors above size which ensures controllable cooldown per FSAR. Initially reported on 831006. Drawings 3BWD422-NK-7, 8 & 9 revised. Next rept will be submitted by 850814.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27546:013. 24X
Fiche: 50-438, 84/10/22, 8411160205.

DOCKETED ITEMS

- 8411160322 Seventh interim deficiency rept re improper use of foam plastic insulation on stainless steel pipe. Initially reported on 820203. Seismic analyses for deficiency in process. Next rept will be submitted by 850619.
MILLS, L.M. Tennessee Valley Authority. 84/10/22. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27544:343. 24X
Fiche: 50-438, 84/10/22, 8411160322.
- 8411210094 Part 21 & third interim deficiency rept re fuel oil line rupture in TDI generators. Initially reported on 831121. Investigation underway. Next rept expected by 851015.
MILLS, L.M. Tennessee Valley Authority. 84/10/23. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27606:116. 24X
Fiche: 50-438, 84/10/23, 8411210094.
- 8411200168 Final deficiency rept re seismic analysis of auxiliary control bldg. Initially reported on 820226. Rev to original seismic analysis completed; design meetings held to discuss new analysis & const mods completed.
MILLS, L.M. Tennessee Valley Authority. 84/10/24. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27585:115. 24X
Fiche: 50-438, 84/10/24, 8411200168.
- 8411200474 Part 21 & third interim deficiency rept re improperly qualified nozzle loads. Initially reported on 830124. Rigorous Piping Analysis Handbook revised. Next rept will be submitted by 850823.
MILLS, L.M. Tennessee Valley Authority. 84/10/24. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27586:227. 24X
Fiche: 50-438, 84/10/24, 8411200474.
- 8411200467 Part 21 & seventh interim deficiency rept re RCS supports & restraints & bolt torques. Initially reported on 810824. Case-by-case review of Class 1 bolting will be performed, per listed rationale. Next rept will be submitted by 850629.
MILLS, L.M. Tennessee Valley Authority. 84/10/25. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27586:229. 24X
Fiche: 50-438, 84/10/25, 8411200467.
- 8411210085 Final deficiency & Part 21 rept re adaptor keyway on 8-inch Borg-Warner globe valves found 11/16 inch wide. Initially reported on 840131. Caused by duplication of incompatible keyway design.
MILLS, L.M. Tennessee Valley Authority. 84/10/25. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27606:114. 24X
Fiche: 50-438, 84/10/25, 8411210085.
- 8411160079 Final Deficiency Rept NCR 2857 for Unit 1 & third interim Rept NCR 2915 for Unit 2 re defects pressure vessel stud bolt holes. Initially reported on 840216. Unit 1 stud holes dispositioned to use-as-is.
MILLS, L.M. Tennessee Valley Authority. 84/10/30. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27544:257. 24X
Fiche: 50-438, 84/10/30, 8411160079.
- 8411160092 Supplemental final Deficiency Rept NCR 1895 re failure of SSD anchors in concrete walls. Initially reported on 840515. Anchors needed to replace expansion shell anchors under fabrication. Action will be completed by 841201.
MILLS, L.M. Tennessee Valley Authority. 84/10/31. O'REILLY, J.P. Region 2, Office of Director. 1p. 27544:209. 24X
Fiche: 50-438, 84/10/31, 8411160092.
- 8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 8411140052.
- 8411160180 Fourth interim deficiency & Part 21 rept re Limitorgue GA program. Initially reported on 831115. Reaudit of vendor QA program conducted on 841009-13. Completion of corrective action anticipated by Jan 1985. Next rept expected by 850327.
MILLS, L.M. Tennessee Valley Authority. 84/11/01. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27543:356. 24X
Fiche: 50-000, 84/11/01, 8411160180.
- 8411160422 Third interim deficiency rept re relief valves violating ASME Code. Initially reported on 821223. Design criteria diagram & physical piping drawings issued. Pipe support analysis for revised routing completed. Next rept 860304.
MILLS, L.M. Tennessee Valley Authority. 84/11/01. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27543:225. 24X
Fiche: 50-438, 84/11/01, 8411160422.
- 8411290290 First interim deficiency rept re misinterpretation of seismic cable tray support spacing requirements. Initially reported on 841005. Investigation in progress. Next rept will be submitted by 850213.
HUFHAM, J.W. Tennessee Valley Authority. 84/11/05. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27718:319. 24X
Fiche: 50-438, 84/11/05, 8411290290.
- 8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.
- 8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.
- 8411140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 8411140344.
- 8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche: 50-000, 84/11/06, 8411190524.
- 8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 8411150011.
- 8411290629 First interim deficiency & Part 21 rept re defective wiring connections in Auma motor operators. Initially reported on 841112. Deficiency under investigation. Next rept will be submitted by 850308.
HUFHAM, J.W. Tennessee Valley Authority. 84/11/07. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27722:178. 24X
Fiche: 50-438, 84/11/07, 8411290629.
- 8411290328 Part 21 & sixth interim deficiency rept re deformation of auxiliary feedwater header & damage to header supports of B&W steam generators. Initially reported on 820830. Next rept will be submitted by 850325.
HUFHAM, J.W. Tennessee Valley Authority. 84/11/08. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27721:298. 24X
Fiche: 50-438, 84/11/08, 8411290328.
- 8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl.
WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, 84/11/12, 8411260340.
- 8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X
Fiche: 50-000, 84/11/16, 8411260049.
- 8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.
- 8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

DOCKET 50-439 BELLEFONTE NUCLEAR PLANT, UNIT 2

A. Application/construction stage documents & correspondence

- 8411010054 Forwards summary of 840926 meeting w/util in Atlanta, GA re util GA reorganization. Attendee list encl.
LEWIS, R.C. Region 2, Office of Director. 84/10/09. PARRIS, H.G. Tennessee Valley Authority. 4pp. 27250:198. 24X
Fiche: 50-000, 84/10/09, 8411010054.

841150279 Advises that GA program submitted on 830711 satisfies requirements of 10CFR50, App B & acceptable.
LEWIS, R. C. Region 2, Office of Director. 84/10/12. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27528:298. 24X
Fiche: 50-000, 84/10/12, 841150279.

841160162 Forwards Rev B to "GA Program Description for Design, Const & Operation of TVA Nuclear Power Plants," reflecting organizational changes in program.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27537:331. 24X
Fiche: 50-000, 84/10/22, 841160162.

--841160177 Rev B to "GA Program Description for Design, Const & Operation of TVA Nuclear Power Plants."
* Tennessee Valley Authority. TRA-TR75-1A ROB. 84/10/22. 239pp.
27537:333. 24X Fiche: 50-000, 84/10/22, 841160162.

841150240 Forwards summary of 841016 meeting w/util re functions of nuclear safety review staff. Attendance list & "Summary Description of Activities of TVA Nuclear Safety Review Staff" encl.
LEWIS, R. C. Region 2, Office of Director. 84/10/26. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27529:259. 24X
Fiche: 50-000, 84/10/26, 841150240.

F. Security, medical, emergency & fire protection plans

841140530 Discusses submittal of annual emergency exercise objectives & detailed scenarios. Full detailed exercise scenario w/all controller info requested, per 45-day schedule. No change needed in 75-day schedule.
LEWIS, R. C. Region 2, Office of Director. 84/10/11. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27495:212. 24X
Fiche: 50-000, 84/10/11, 841140530.

G. Inspection reports, IE Bulletins & correspondence

841140390 Forwards Insp Repts 50-438/84-18 & 50-439/84-18 on 840911-14. No violation or deviation noted.
VERRELLI, D. M. Region 2, Office of Director. 84/09/28. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27491:351. 24X
Fiche: 50-438, 84/09/28, 841140390.

--841140394 Insp Repts 50-438/84-18 & 50-439/84-18 on 840911-14. No violation or deviation noted. Major areas inspected: reactor vessel internals (welding) & independent insp effort.
COLEY, J. L., BLAKE, J. J. Region 2, Office of Director. 84/09/27. 6pp. 27491:353. 24X Fiche: 50-438, 84/09/28, 841140390.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
ORACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411080321 Ack receipt of 840919 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-438/84-04 & 50-439/84-04.
OLSHINSKI, J. A. Region 2, Office of Director. 84/10/31. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27390:024. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080328 Submits second revised response to NRC 840906 telcon & 840322 ltr re violations noted in Insp Repts 50-438/84-04 & 50-439/84-04. Corrective actions: battery cells replaced & reported on 840822 as NRC BLN EEB 8416.
MILLS, L. M. Tennessee Valley Authority. 84/09/19. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27390:026. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080333 Submits revised response to NRC 840601 telcon & 840322 ltr re violations noted in Insp Repts 50-438/84-04 & 50-439/84-04. Corrective actions: Nonconformance Rept 2856 initiated re froth on station batteries.
KAMMER, D. S. Tennessee Valley Authority. 84/06/20. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27390:030. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080340 Responds to NRC 840322 ltr re violations noted in Insp Repts 50-438/84-04 & 50-439/84-04. Violation re station battery frothing denied.
MILLS, L. M. Tennessee Valley Authority. 84/05/10. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27390:033. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080346 Forwards Insp Repts 50-438/84-04 & 50-439/84-04 on 840207-11 & notice of violation.
VERRELLI, D. M. Division of Project & Resident Programs. 84/03/22. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27390:036. 24X
Fiche: 50-438, 84/10/31, 8411080321.

--8411080355 Insp Repts 50-438/84-04 & 50-439/84-04 on 840207-11. Noncompliance noted: failure to document condition adverse to quality (froth on station batteries) per Procedure BLA 16.1.
GIBBONS, T. D. Region 2, Office of Director. CONLON, T. E. Division of Engineering & Operational Programs. 84/03/21. 4pp. 27390:039. 24X Fiche: 50-438, 84/10/31, 8411080321.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BHRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J. B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

841160627 Part 21 & third supplemental final deficiency rept re bonnet studs improperly torqued on DHR valves. Initially reported on 811222. Work on studs for one valve will be completed by 841231.
MILLS, L. M. Tennessee Valley Authority. 84/09/25. O'REILLY, J. P. Region 2, Office of Director. 1p. 27344:358. 24X
Fiche: 50-438, 84/09/25, 841160627.

841160100 Final Deficiency Rept NCR 2551 re orientation of ASCO solenoid mounting brackets either redesigned or remounted to give correct solenoid orientation.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27544:205. 24X
Fiche: 50-438, 84/10/22, 841160100.

841160205 Third interim deficiency rept re size of lines of flow restrictors above size which ensures controllable cooldown per FSAR. Initially reported on 831006. Drawings 38WD422-NK-7, 8 & 9 revised. Next rept will be submitted by 850814.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27546:013. 24X
Fiche: 50-438, 84/10/22, 841160205.

841160322 Seventh interim deficiency rept re improper use of foam plastic insulation on stainless steel pipe. Initially reported on 820203. Seismic analyses for deficiency in process. Next rept will be submitted by 850619.
MILLS, L. M. Tennessee Valley Authority. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27544:343. 24X
Fiche: 50-438, 84/10/22, 841160322.

8411210094 Part 21 & third interim deficiency rept re fuel oil line rupture in TDI generators. Initially reported on 831121. Investigation underway. Next rept expected by 851015.
MILLS, L. M. Tennessee Valley Authority. 84/10/23. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27606:116. 24X
Fiche: 50-438, 84/10/23, 8411210094.

DOCKETED ITEMS

- 8411200168 Final deficiency rept re seismic analysis of auxiliary control bldg. Initially reported on 820226. Rev to original seismic analysis completed. design meetings held to discuss new analysis & const mods completed.
MILLS, L. M. Tennessee Valley Authority. 84/10/24. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27585:115. 24X
Fiche: 50-438, 84/10/24, 8411200168.
- 8411200474 Part 21 & third interim deficiency rept re improperly qualified nozzle loads. Initially reported on 830124. Rigorous Piping Analysis Handbook revised. Next rept will be submitted by 850823.
MILLS, L. M. Tennessee Valley Authority. 84/10/24. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27586:227. 24X
Fiche: 50-438, 84/10/24, 8411200474.
- 8411200467 Part 21 & seventh interim deficiency rept re RCS supports & restraints & bolt torques. Initially reported on 810824. Case-by-case review of Class 1 bolting will be performed. per listed rationale. Next rept will be submitted by 850429.
MILLS, L. M. Tennessee Valley Authority. 84/10/25. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27586:229. 24X
Fiche: 50-438, 84/10/25, 8411200467.
- 8411210085 Final deficiency & Part 21 rept re adaptor keyway on 8-inch Borg-Warner globe valves found 11/16 inch wide. Initially reported on 840131. Caused by duplication of incompatible keyway design.
MILLS, L. M. Tennessee Valley Authority. 84/10/25. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27606:114. 24X
Fiche: 50-438, 84/10/25, 8411210085.
- 841160079 Final Deficiency Rept NCR 2857 for Unit 1 & third interim Rept NCR 2915 for Unit 2 re defects pressure vessel stud bolt holes. Initially reported on 840216. Unit 1 stud holes dispositioned to use-as-is.
MILLS, L. M. Tennessee Valley Authority. 84/10/30. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27544:257. 24X
Fiche: 50-438, 84/10/30, 841160079.
- 841160092 Supplemental final Deficiency Rept NCR 1885 re failure of SSD anchors in concrete walls. Initially reported on 840515. Anchors needed to replace expansion shell anchors under fabrication. Action will be completed by 841201.
MILLS, L. M. Tennessee Valley Authority. 84/10/31. O'REILLY, J. P. Region 2, Office of Director. 1p. 27544:209. 24X
Fiche: 50-438, 84/10/31, 841160092.
- 841140032 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C. L. Duke Power Co. 84/11/01. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 841140032.
- 841160180 Fourth interim deficiency & Part 21 rept re Limitorgue GA program. Initially reported on 831115. Reaudit of vendor GA program conducted on 841009-13. Completion of corrective action anticipated by Jan 1985. Next rept expected by 850327.
MILLS, L. M. Tennessee Valley Authority. 84/11/01. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27545:356. 24X
Fiche: 50-000, 84/11/01, 841160180.
- 841160422 Third interim deficiency rept re relief valves violating ASME Code. Initially reported on 821223. Design criteria diagram & physical piping drawings issued. Pipe support analysis for revised routing completed. Next rept 860304.
MILLS, L. M. Tennessee Valley Authority. 84/11/01. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27545:225. 24X
Fiche: 50-438, 84/11/01, 841160422.
- 8411290290 First interim deficiency rept re misinterpretation of seismic cable tray support spacing requirements. Initially reported on 841005. Investigation in progress. Next rept will be submitted by 850213.
HUFHAM, J. W. Tennessee Valley Authority. 84/11/05. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27718:319. 24X
Fiche: 50-438, 84/11/05, 8411290290.
- 8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.
- 8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.
- 841140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 841140344.
- 841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche: 50-000, 84/11/06, 841190524.
- 841150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 841150011.
- 8411290629 First interim deficiency & Part 21 rept re defective wiring connections in Auma motor operators. Initially reported on 841112. Deficiency under investigation. Next rept will be submitted by 850308.
HUFHAM, J. W. Tennessee Valley Authority. 84/11/07. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27722:178. 24X
Fiche: 50-438, 84/11/07, 8411290629.
- 8411290328 Part 21 & sixth interim deficiency rept re deformation of auxiliary feedwater header & damage to header supports of B&W steam generators. Initially reported on 820830. Next rept will be submitted by 850325.
HUFHAM, J. W. Tennessee Valley Authority. 84/11/08. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27721:298. 24X
Fiche: 50-438, 84/11/08, 8411290328.
- 8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl.
WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, 84/11/12, 8411260340.
- 8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability."
Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D. G. Division of Licensing. 2pp. 27615:131. 24X
Fiche: 50-000, 84/11/16, 8411260049.
- 8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.
- 8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.
- DOCKET 50-440 PERRY NUCLEAR POWER PLANT, UNIT 1
- A. Application/construction stage documents & correspondence
- 8411030319 Notification of 841115 meeting w/util in Bethesda, MD to discuss containment bypass leakage design basis & LOCA-related pool dynamic loads.
STEFANO, J. J. Licensing Branch 1. 84/10/22. YOUNGBLOOD, B. J. Licensing Branch 1. 4pp. 27289:333. 24X Fiche: 50-440, 84/10/22, 8411030319.
- 8411020151 Forwards technical description of computerized meteorological info & dose assessment sys installed at plant. Review of comments forwarded in NRC 840822 ltr underway & response will be submitted by 841207.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/10/25. YOUNGBLOOD, B. J. Licensing Branch 1. 10pp. 27257:213. 24X
Fiche: 50-440, 84/10/25, 8411020151.
- 841190496 Informs of delay in submittal of final rept re inflatable drywell airlock seal doors. Delay due to scheduled completion of qualification tests in Dec 1984. Final rept will be submitted on 850308.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/10/25. KEPPLER, J. G. Region 3, Office of Director. 1p. 27550:120. 24X
Fiche: 50-440, 84/10/25, 841190496.

DOCKETED ITEMS

267

B41140399 Forwards requests for addl info re Chapter 13 of FSAR to continue review of Amend 14 re operator qualification. Project manager should be advised when response may be expected within 7 days of ltr receipt.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/31. EDELMAN, M. R. Cleveland Electric Illuminating Co. 5pp. 27524:358. 24X
Fiche: 50-440, 84/10/31, B41140399.

B411090240 Advises that rev required for Engineering Change Notice 15384-086-248, issued to document design mods. per B40607 ltr re restart of control complex chiller following LOCA. Implementation of mod anticipated by B41228.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/11/01. KEPPLER, J. G. Region 3, Office of Director. 1p. 27398:042. 24X
Fiche: 50-440, 84/11/01, B411090240.

B411270530 Informs that revised test method for preoperational testing of control room ventilation sys acceptable, per B40629 request. FSAR should be amended to reflect change.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/13. EDELMAN, M. R. Cleveland Electric Illuminating Co. 3pp. 27671:233. 24X
Fiche: 50-440, 84/11/13, B411270530.

E. NRC Safety Evaluation Report (SER), supp's & correspondence

B411020133 Forwards request for addl info re SER Confirmatory Issue 7 concerning Conformance w/TMI Action Plan Item II.D.1, "Testing of Safety-Relief Valves." Schedule for response requested within 7 days of ltr receipt.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/22. EDELMAN, M. R. Cleveland Electric Illuminating Co. 4pp. 27262:282. 24X
Fiche: 50-440, 84/10/22, B411020133.

B411020258 Forwards clarifications of Rev 3 to Emergency Plan OM-15A re SER review comments. Changes will be incorporated in Rev 4 of plan. Info closes SER Outstanding Issue 19 re onsite emergency planning.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/10/29. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 11pp. 27252:198. 24X
Fiche: 50-440, 84/10/29, B411020258.

B411200297 Forwards evaluation & proposed resolution program re SER Outstanding Issue 8, "Mark III Containment Concerns." Evaluation addresses effects of local encroachments in suppression pool on pool swell impact loads.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/11/01. YOUNGBLOOD, B. J. Licensing Branch 1. 14pp. 27571:246. 24X
Fiche: 50-440, 84/11/01, B411200297.

B411270526 Forwards request for addl info re compliance w/TMI Action Plan Item II.E.4.2 & SER (NUREG-0887) concerning containment purge & vent valve operability. Guidelines for response encl.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/14. EDELMAN, M. R. Cleveland Electric Illuminating Co. 9pp. 27671:236. 24X
Fiche: 50-440, 84/11/14, B411270526.

B411270104 Advises that info from NEDE-24988-P re generic BWR safety/relief valve operability test results should resolve SER Confirmatory Issue 7.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/11/20. YOUNGBLOOD, B. J. Licensing Branch 1. 1p. 27629:252. 24X
Fiche: 50-440, 84/11/20, B411270104.

F. Security, medical, emergency & fire protection plans

B411030218 Forwards Insp Repts 50-440/84-15 & 50-441/84-14 on B40701-0910 & notice of violation.
WARNICK, R. F. Region 3, Office of Director. 84/10/10. EDELMAN, M. R. Cleveland Electric Illuminating Co. 2pp. 27308:319. 24X
Fiche: 50-440, 84/10/10, B411030218.

--B411030229 Insp Repts 50-440/84-15 & 50-441/84-14 on B40701-0910. Noncompliance noted: Unit 1 Instrument Air Sys P52 tested & turned over to operations dept w/o demonstrating that sys would perform satisfactorily in svc.
KNOP, R. C. Region 3, Office of Director. 84/10/09. 12pp. 27308:323. 24X
Fiche: 50-440, 84/10/10, B411030218.

B411080592 Forwards Insp Rept 50-440/84-23 on B41002-03. No noncompliance noted.
GREGOR, L. R. Region 3, Office of Director. 84/10/17. EDELMAN, M. R. Cleveland Electric Illuminating Co. 2pp. 27397:001. 24X
Fiche: 50-440, 84/10/17, B411080592.

--B411080607 Insp Rept 50-440/84-23 on B41002-03. No noncompliance noted. Major areas inspected: preoperational emergency preparedness, including equipment, training, facilities & drill of coordinated implementation of program.
SNELL, W. G., PHILLIPS, M. P. Region 3, Office of Director. 84/10/16. 153pp. 27397:003. 24X
Fiche: 50-440, 84/10/17, B411080592.

B411020258 Forwards clarifications of Rev 3 to Emergency Plan OM-15A re SER review comments. Changes will be incorporated in Rev 4 of plan. Info closes SER Outstanding Issue 19 re onsite emergency planning.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/10/29. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 11pp. 27252:198. 24X
Fiche: 50-440, 84/10/29, B411020258.

B411060106 Forwards Preoperational Physical Security Insp Rept 50-440/84-26 on B41015-16. No noncompliance noted.
AXELSON, W. L. Region 3, Office of Director. 84/10/31. EDELMAN, M. R. Cleveland Electric Illuminating Co. 2pp. 27324:140. 24X
Fiche: 50-440, 84/10/31, B411060106.

--B411060139 Preoperational Physical Security Insp Rept 50-440/84-26 on B41015-16. No noncompliance noted. Major areas inspected: licensee actions in planning & scheduling implementation of security program. Details withheld (ref 10CFR73.21).
KNICELEY, J. R., STAPLETON, B. W., CREED, J. R. Region 3, Office of Director. 84/10/31. 1p. 27324:142. 24X
Fiche: 50-440, 84/10/31, B411060106.

B411200383 Revised emergency plan implementing instructions, including EPI-A6, "Technical Support Ctr Activation," EPI-AB, "Emergency Notification Sys" & EPI-B3, "Radiological Surveys for Emergencies." W/B41113 ltr.
ANDERSON, J. D., EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/11/13. KEPPLER, J. F. Region 3, Office of Director. 190pp. 27572:145. 24X
Fiche: 50-440, 84/11/13, B411200383.

B411270530 Informs that revised test method for preoperational testing of control room ventilation sys acceptable, per B40629 request. FSAR should be amended to reflect change.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/13. EDELMAN, M. R. Cleveland Electric Illuminating Co. 3pp. 27671:233. 24X
Fiche: 50-440, 84/11/13, B411270530.

B411200149 Board Notification B4-179: forwards Insp Rept 50-440/84-23 evaluating licensee readiness for preoperational emergency preparedness appraisal.
NOVAK, T. M. Assistant Director for Licensing. 84/11/19. GLEASON, J. P., KLINE, J. R., BRIGHT, G. O. Atomic Safety and Licensing Board Panel. 162pp. 27673:167. 24X
Fiche: 50-440, 84/11/19, B411200149.

G. Adjudicatory correspondence

B411060382 Ack receipt of draft affidavit prepared for plant proceeding. Motion filed in Sept by applicant atty to dismiss emergency plan contention supported by NRC. Affidavit unnecessary if ASLB grants motion.
WOODHEAD, C. P. Hearing Branch 4. #484 927. 84/10/31. URBANIK, T. Texas A&M Univ., College Station, TX. 1p. 27319:362. 24X
Fiche: 50-440, 84/10/31, B411060382.

B411060428 Response to ASLB 841023 order to provide status rept on SECY-B3-357 & proposed hydrogen control rule within 10 days. Certificate of Svc encl.
WOODHEAD, C. P. Office of the Executive Legal Director. #484 934. 84/10/31. 5pp. 27318:348. 24X
Fiche: 50-440, 84/10/31, B411060428.

B411060376 Updates applicant 830308 response to Interrogatory 9-38 of Ohio Citizens for Responsible Energy 830131 ninth set of interrogatories re Issue 15 (steam erosion). Svc list encl. Related correspondence.
SWIGER, M. A. Shaw, Pittman, Potts & Trowbridge. SWIGER, M. A. Cleveland Electric Illuminating Co. #484 949. 84/11/01. HIATT, S. L. Ohio Citizens for Responsible Energy. 3pp. 27320:277. 24X
Fiche: 50-440, 84/11/01, B411060376.

B411200014 Voluntary answers to portion of Ohio Citizens for Responsible Energy late-filed thirteenth set of interrogatories re Issue 8. Prof qualifications of RJ Schmehl & Certificate of Svc encl. Related correspondence.
GLASSPIEGEL, J. Cleveland Electric Illuminating Co. GLASSPIEGEL, J. Shaw, Pittman, Potts & Trowbridge. #484 211. 84/11/16. Ohio Citizens for Responsible Energy. 20pp. 27579:018. 24X
Fiche: 50-440, 84/11/16, B411200014.

B411290293 Forwards Rev 3 to util emergency plan. State of OH plan for response to radiological emergencies at licensed nuclear facilities for 1984 & Lake County emergency response plan through Rev 3. W/o encls. Related correspondence.
SILBERG, J. E. Shaw, Pittman, Potts & Trowbridge. #484 318. 84/11/27. GLEASON, J. P. Atomic Safety and Licensing Board Panel. 1p. 27678:215. 24X
Fiche: 50-440, 84/11/27, B411290293.

DOCKETED ITEMS

I. Financial information

8411260593 Advises of completion of review of financial info submitted in 841108 ltr. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations.
84/11/16. FIRESTONE, L. Ohio Edison Co. 1p. 27645:347. 24X
Fiche: 50-000, 84/11/16, 8411260593.

8411260606 Advises of completion of review of financial info submitted for 1984. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations.
84/11/16. MAUGANS, E.H. Cleveland Electric Illuminating Co. 1p. 27645:344. 24X
Fiche: 50-000, 84/11/16, 8411260606.

G. Inspection reports, IE Bulletins & correspondence

8411030218 Forwards Insp Repts 50-440/84-15 & 50-441/84-14 on 840701-0910 & notice of violation.
WARNICK, R.F. Region 3, Office of Director. 84/10/10. EDELMAN, M.R. Cleveland Electric Illuminating Co. 2pp. 27308:319. 24X
Fiche: 50-440, 84/10/10, 8411030218.

--8411030221 Notice of violation from insp on 840701-0910.
WARNICK, R.F. Region 3, Office of Director. 84/10/10. 2pp. 27308:321. 24X
Fiche: 50-440, 84/10/10, 8411030218.

--8411030229 Insp Repts 50-440/84-15 & 50-441/84-14 on 840701-0910.
Noncompliance noted: Unit 1 Instrument Air Sys P52 tested & turned over to operations dept w/o demonstrating that sys would perform satisfactorily in svc.
KNOP, R.C. Region 3, Office of Director. 84/10/09. 12pp. 27308:323. 24X
Fiche: 50-440, 84/10/10, 8411030218.

8411080592 Forwards Insp Rept 50-440/84-23 on 841002-03. No noncompliance noted.
GREGER, L.R. Region 3, Office of Director. 84/10/17. EDELMAN, M.R. Cleveland Electric Illuminating Co. 2pp. 27397:001. 24X
Fiche: 50-440, 84/10/17, 8411080592.

--8411080607 Insp Rept 50-440/84-23 on 841002-03. No noncompliance noted.
Major areas inspected: preoperational emergency preparedness, including equipment, training, facilities & drill of coordinated implementation of program.
SNELL, W.G., PHILLIPS, M.P. Region 3, Office of Director. 84/10/16. 153pp. 27397:003. 24X
Fiche: 50-440, 84/10/17, 8411080592.

8410250031 IE Info Notice 84-77, "Incident Involving Telotherapy Unit (AECL Eldorado-78)." Svc list encl.
ORACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X
Fiche: 50-000, 84/10/26, 8410250031.

8411060106 Forwards Preoperational Physical Security Insp Rept 50-440/84-26 on 841015-16. No noncompliance noted.
AXELSON, W.L. Region 3, Office of Director. 84/10/31. EDELMAN, M.R. Cleveland Electric Illuminating Co. 2pp. 27324:140. 24X
Fiche: 50-440, 84/10/31, 8411060106.

--8411060139 Preoperational Physical Security Insp Rept 50-440/84-26 on 841015-16. No noncompliance noted. Major areas inspected: licensee actions in planning & scheduling implementation of security program. Details withheld (ref 10CFR73.21).
KNICELEY, J.R., STAPLETON, B.W., CREED, J.R. Region 3, Office of Director. 84/10/31. 1p. 27324:142. 24X
Fiche: 50-440, 84/10/31, 8411060106.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X
Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X
Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X
Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X
Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X
Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X
Fiche: 50-000, 84/11/19, 841150054.

8411200149 Board Notification 84-179: forwards Insp Rept 50-440/84-23 evaluating licensee readiness for preoperational emergency preparedness appraisal.
NOVAK, T.M. Assistant Director for Licensing. 84/11/19. OLEASON, J.P., KLINE, J.R., BRIGHT, G.O. Atomic Safety and Licensing Board Panel. 162pp. 27673:167. 24X
Fiche: 50-440, 84/11/19, 8411200149.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:192. 24X
Fiche: 50-000, 84/09/19, 8411080347.

8411030214 Interim Part 21 rept & deficiency Rept [RDC 115 (84)] re potential leakage path in electronics housing threads of Rosemount transmitters. Initially reported on 840919. Next rept will be submitted by 850127.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/16. KEPLER, J.G. Region 3, Office of Director. 2pp. 27308:317. 24X
Fiche: 50-440, 84/10/16, 8411030214.

8411130395 Update to 840907 final Deficiency Rept [RDC 108(84)] re 480-volt ac circuit breakers supplied by Brown Boveri Electric. Brown Boveri assembling solid state trip device order. Completion of all actions expected by 850125.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/23. KEPLER, J.G. Region 3, Office of Director. 1p. 27459:068. 24X
Fiche: 50-440, 84/10/23, 8411130395.

841130408 Update to 840424 final Deficiency Rept [RDC 101(84)] re defect in piston skirt castings supplied by TDI. Pistons returned to TDI & dispositioned as scrap. Pistons will be replaced w/Type AE pistons.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/25. KEPLER, J.G. Region 3, Office of Director. 1p. 27458:324. 24X
Fiche: 50-440, 84/10/25, 841130408.

841130314 Final Deficiency Rept [RDC 117 (84)] & Part 21 rept re TD: standby diesel generator voltage regulations. Initially reported on 840918. Engineering change notice being issued to implement recommendations in TDI Memo 366.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/26. KEPLER, J.G. Region 3, Office of Director. 2pp. 27459:310. 24X
Fiche: 50-440, 84/10/26, 841130314.

8411060429 Interim Deficiency Rept [RDC 119(80)] re stainless cladding inside containment. Suppression pool corrosion monitoring sys full implementation delayed until 850322 due to extension of fuel load date until June 1985.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/30. KEPLER, J.G. Region 3, Office of Director. 1p. 27311:359. 24X
Fiche: 50-440, 84/10/30, 8411060429.

841120370 Interim deficiency rept [RDC 116(84)] re nonsafety design control & computer room humidification sys. Initially reported on 841002. Applicant awaiting Gilbert/Commonwealth, Inc rept. Next rept by 841214.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/30. KEPLER, J.G. Region 3, Office of Director. 2pp. 27436:346. 24X
Fiche: 50-440, 84/10/30, 841120370.

841120309 Forwards conformed & attachment specs in response to 831228 request for addl info concerning TDI diesel generator. Info includes TDI Owners Group & site-specific responses.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/31. YOUNGBLOOD, B.J. Licensing Branch 1. 27pp. 27427:107. 24X
Fiche: 50-440, 84/10/31, 841120309.

- 8411120313 Rev 1 to Conformed Spec SP-562-4549-00. "Class 1E Diesel Generator Units."
WEISSEN, L., MANNING, H. A., SMITH, J. M. Gilbert/Commonwealth, Inc. 75/12/15. 62pp. 27427:134.
(formerly Gilbert Associates, Inc.). 24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411120319 Attachment Spec SP-551-4549-00. "Class 1E 460-Volt Induction Motors 200 Horsepower & Below Supplied W/Driven Equipment."
WEISSEN, L. R., MANNING, H. A., SMITH, J. M. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 75/08/07. 12pp. 27427:196.
24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411120323 Attachment Spec SP-592-4549-00. "Instrument & Control Devices Supplied W/Safety-Related Equipment."
GUSDO, S. M., MANNING, H. A., JONES, V. C. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 75/02/12. 27pp. 27427:208.
24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411120334 Attachment Spec SP-593-4549-00. "Safety-Related Local Control Panels & Racks Supplied W/Equipment."
STONE, L. D., MANNING, H. A., JONES, V. C. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 75/03/20. 27pp. 27427:235.
24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411120339 Attachment Spec SP-706-4549-00. "Mfg QA Program Requirements - Quality Level I - Electrical for Safety-Related Equipment Vendors."
RABIN, R., CAMPBELL, M. B. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 74/05/03. 28pp. 27427:262. 24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411120344 Attachment Spec SP-711-4549-00. "Class C Cleanliness Requirements for Matls & Equipment Prior to Packaging."
CAPIOTIS, M. G., MANNING, H. A., HOY, L. E. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 75/10/03. 10pp. 27427:290.
24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411120348 Attachment Spec SP-750-4549-00. "Seismic Analysis, Testing & Documentation."
LEE, J. R., TENBUS, M., CAMPBELL, M. B. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 74/03/21. 65pp. 27427:300.
24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411120353 Rev 4 to Conformed Spec SP-562-4549-00. "Class 1E Diesel Generator Units."
GEHRING, G. R., MANNING, H. A., SMITH, J. M. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 78/09/07. 49pp. 27428:003.
24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411120361 Rev 3 to Conformed Spec SP-562-4549-00. "Class 1E Diesel Generator Units."
GEHRING, G. R., YURICH, F. J., SMITH, J. M. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 77/12/16. 2pp. 27428:052.
24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411120369 Rev 2 to Conformed Spec SP-562-4549-00. "Class 1E Diesel Generator Units."
GEHRING, G. R., KAYANAS, N. C., SMITH, J. M. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 77/03/16. 94pp. 27428:054.
24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411120388 Revised Attachment Spec SP-706-4549-00. "Mfg QA Program Requirements - Quality Level I - Electrical for Safety-Related Equipment Vendors."
VAN LANGEN, J. R., KAYANAS, N. C. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 76/11/10. 51pp. 27428:149. 24X Fiche: 50-440, 84/10/31, 8411120309.
- 8411200511 Second interim Deficiency Rept [RDC 111(84)] re fuel pool gates preoperational test requirements not addressed by test specs. Initially reported on 840813. Eleven specs require revs.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/10/31.
KEPPLER, J. G. Region 3, Office of Director. 2pp. 27586:197. 24X Fiche: 50-440, 84/10/31, 8411200511.
- 8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept. "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C. L. Duke Power Co. 84/11/01. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 8411140052.
- 8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06.
BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.
- 8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06.
BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.
- 8411140344 Forwards revised Page 5-4 of 840312 rept. "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 8411140344.
- 8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.
- 8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07.
BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 8411150011.
- 8411260051 Interim Deficiency Rept [RDC 118(84)] re violation of spec requirements during installation of Hilti drop-in anchors on fire protection sys supports. Initially reported on 841022. Final rept by 850329.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/11/15.
KEPPLER, J. G. Region 3, Office of Director. 2pp. 27616:357. 24X Fiche: 50-440, 84/11/15, 8411260051.
- 8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability."
Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16.
EISENHUT, D. O. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.
- 8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.
- 8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates, FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.
- DOCKET 50-441 PERRY NUCLEAR POWER PLANT, UNIT 2
- A. Application/construction stage documents & correspondence
- 8411030319 Notification of 841115 meeting w/util in Bethesda, MD to discuss containment bypass leakage design basis & LOCA-related pool dynamic loads.
STEFANO, J. J. Licensing Branch 1. 84/10/22. YOUNGBLOOD, B. J. Licensing Branch 1. 4pp. 27289:333. 24X Fiche: 50-440, 84/10/22, 8411030319.
- 8411020151 Forwards technical description of computerized meteorological info & dose assessment sys installed at plant. Review of comments forwarded in NRC 840822 ltr underway & response will be submitted by 841207.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/10/25.
YOUNGBLOOD, B. J. Licensing Branch 1. 10pp. 27257:213. 24X Fiche: 50-440, 84/10/25, 8411020151.
- 8411190496 Informs of delay in submittal of final rept re inflatable drywell airlock seal doors. Delay due to scheduled completion of qualification tests in Dec 1984. Final rept will be submitted on 850308.
EDELMAN, M. R. Cleveland Electric Illuminating Co. 84/10/25.
KEPPLER, J. G. Region 3, Office of Director. 1p. 27550:120. 24X Fiche: 50-440, 84/10/25, 8411190496.
- 8411140399 Forwards requests for addl info re Chapter 13 of FSAR to continue review of Amend 14 re operator qualification. Project manager should be advised when response may be expected within 7 days of ltr receipt.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/31. EDELMAN, M. R. Cleveland Electric Illuminating Co. 5pp. 27524:358. 24X Fiche: 50-440, 84/10/31, 8411140399.

DOCKETED ITEMS

8411090240 Advises that rev required for Engineering Change Notice 15384-086-248, issued to document design mods, per 840607 ltr re restart of control complex chiller following LOCA. Implementation of mod anticipated by 841228.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/11/01.
KEPPLER, J.G. Region 3, Office of Director. 1p. 27398:042. 24X
Fiche: 50-440, 84/11/01, 8411090240.

8411270530 Informs that revised test method for preoperational testing of control room ventilation sys acceptable, per 840629 request. FSAR should be amended to reflect change.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/13. EDELMAN, M.R. Cleveland Electric Illuminating Co. 3pp. 27671:233. 24X
Fiche: 50-440, 84/11/13, 8411270530.

8411210365 Forwards Director's Decision DD-84-23 under 10CFR2.206 denying Ohio Citizens for Responsible Energy 840604 petition requesting issuance of show cause order to revoke or suspend CP.
TAYLOR, J.M. Director's Office, Office of Inspection and Enforcement. 84/11/15. HIATT, S.L. Ohio Citizens for Responsible Energy. 1p. 27617:115. 24X Fiche: 50-441, 84/11/15, 8411210365.

8411210368 Director's Decision DD-84-23 under 10CFR2.206 denying Ohio Citizens for Responsible Energy 840604 petition requesting issuance of show cause order to revoke or suspend CP.
TAYLOR, J.M. Director's Office, Office of Inspection and Enforcement. 84/11/15. 11pp. 27617:116. 24X
Fiche: 50-441, 84/11/15, 8411210365.

8411210371 Notice of issuance & availability of Director's Decision DD-84-23 under 10CFR2.206.
TAYLOR, J.M. Director's Office, Office of Inspection and Enforcement. 84/11/15. 2pp. 27617:127. 24X
Fiche: 50-441, 84/11/15, 8411210365.

E. NRC Safety Evaluation Report (SER), supp's & correspondence

8411020133 Forwards request for addl info re SER Confirmatory Issue 7 concerning conformance w/THI Action Plan Item II.D.1, "Testing of Safety-Relief Valves." Schedule for response requested within 7 days of ltr receipt.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/22. EDELMAN, M.R. Cleveland Electric Illuminating Co. 4pp. 27262:282. 24X
Fiche: 50-440, 84/10/22, 8411020133.

8411020258 Forwards clarifications of Rev 3 to Emergency Plan OM-15A re SER review comments. Changes will be incorporated in Rev 4 of plan. Info closes SER Outstanding Issue 19 re onsite emergency planning.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/29.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 11pp. 27252:198. 24X Fiche: 50-440, 84/10/29, 8411020258.

8411200297 Forwards evaluation & proposed resolution program re SER Outstanding Issue B, "Mark III Containment Concerns." Evaluation addresses effects of local encroachments in suppression pool on pool swell impact loads.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/11/01.
YOUNGBLOOD, B.J. Licensing Branch 1. 14pp. 27571:246. 24X
Fiche: 50-440, 84/11/01, 8411200297.

8411270526 Forwards request for addl info re compliance w/THI Action Plan Item II.E.4.2 & SER (NUREG-0887) concerning containment purge & vent valve operability. Guidelines for response encl.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/14. EDELMAN, M.R. Cleveland Electric Illuminating Co. 9pp. 27671:236. 24X
Fiche: 50-440, 84/11/14, 8411270526.

8411270104 Advises that info from NEDE-24988-P re generic BWR safety/relief valve operability test results should resolve SER Confirmatory Issue 7.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/11/20.
YOUNGBLOOD, B.J. Licensing Branch 1. 1p. 27629:252. 24X
Fiche: 50-440, 84/11/20, 8411270104.

F. Security, medical, emergency & fire protection plans

8411030218 Forwards Insp Repts 50-440/84-15 & 50-441/84-14 on 840701-0910 & notice of violation.
WARNICK, R.F. Region 3, Office of Director. 84/10/10. EDELMAN, M.R. Cleveland Electric Illuminating Co. 2pp. 27308:319. 24X
Fiche: 50-440, 84/10/10, 8411030218.

8411030229 Insp Repts 50-440/84-15 & 50-441/84-14 on 840701-0910. Noncompliance noted: Unit 1 Instrument Air Sys P52 tested & turned over to operations dept w/o demonstrating that sys would perform satisfactorily in svc.
KNOPF, R.C. Region 3, Office of Director. 84/10/09. 12pp. 27308:323. 24X Fiche: 50-440, 84/10/10, 8411030218.

8411020258 Forwards clarifications of Rev 3 to Emergency Plan OM-15A re SER review comments. Changes will be incorporated in Rev 4 of plan. Info closes SER Outstanding Issue 19 re onsite emergency planning.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/29.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 11pp. 27252:198. 24X Fiche: 50-440, 84/10/29, 8411020258.

8411200383 Revised emergency plan implementing instructions, including EPI-A5, "Technical Support Ctr Activation," EPI-A8, "Emergency Notification Sys" & EPI-B3, "Radiological Surveys for Emergencies." W/841113 ltr.
ANDERSON, J.D., EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/11/13. KEPPLER, J.F. Region 3, Office of Director. 190pp. 27572:145. 24X Fiche: 50-440, 84/11/13, 8411200383.

8411270530 Informs that revised test method for preoperational testing of control room ventilation sys acceptable, per 840629 request. FSAR should be amended to reflect change.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/13. EDELMAN, M.R. Cleveland Electric Illuminating Co. 3pp. 27671:233. 24X
Fiche: 50-440, 84/11/13, 8411270530.

G. Adjudicatory correspondence

8411060382 Ack receipt of draft affidavit prepared for plant proceeding. Motion filed in Sept by applicant atty to dismiss emergency plan contention supported by NRC. Affidavit unnecessary if ASLB grants motion.
WOODHEAD, C.P. Hearing Branch 4. #484 927. 84/10/31. URBANIK, T. Texas A&M Univ., College Station, TX. 1p. 27319:362. 24X
Fiche: 50-440, 84/10/31, 8411060382.

8411060428 Response to ASLB 841023 order to provide status rept on SECY-83-357 & proposed hydrogen control rule within 10 days. Certificate of Svc encl.
WOODHEAD, C.P. Office of the Executive Legal Director. #484 934. 84/10/31. 5pp. 27315:348. 24X Fiche: 50-440, 84/10/31, 8411060428.

8411060376 Updates applicant 830308 response to Interrogatory 9-38 of Ohio Citizens for Responsible Energy 830131 ninth set of interrogatories re Issue 15 (steam erosion). Svc list encl. Related correspondence.
SWIGER, M.A. Shaw, Pittman, Potts & Trowbridge. SWIGER, M.A. Cleveland Electric Illuminating Co. #484 949. 84/11/01. HIATT, S.L. Ohio Citizens for Responsible Energy. 3pp. 27320:277. 24X
Fiche: 50-440, 84/11/01, 8411060376.

8411200014 Voluntary answers to portion of Ohio Citizens for Responsible Energy late-filed thirteenth set of interrogatories re Issue 8. Prof qualifications of RJ Schmehl & Certificate of Svc encl. Related correspondence.
GLASSPIEGEL, J. Cleveland Electric Illuminating Co. GLASSPIEGEL, J. Shaw, Pittman, Potts & Trowbridge. #484 211. 84/11/16. Ohio Citizens for Responsible Energy. 20pp. 27579:018. 24X
Fiche: 50-440, 84/11/16, 8411200014.

8411270293 Forwards Rev 3 to util emergency plan. State of OH plan for response to radiological emergencies at licensed nuclear facilities for 1984 & Lake County emergency response plan through Rev 3. W/o encls. Related correspondence.
STLBERG, J.E. Shaw, Pittman, Potts & Trowbridge. #484 318. 84/11/27. GLEASON, J.P. Atomic Safety and Licensing Board Panel. 1p. 27678:215. 24X Fiche: 50-440, 84/11/27, 8411270293.

I. Financial information

8411260593 Advises of completion of review of financial info submitted in 841108 ltr. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. FIRESTONE, L. Ohio Edison Co. 1p. 27645:347. 24X
Fiche: 50-000, 84/11/16, 8411260593.

8411260606 Advises of completion of review of financial info submitted for 1984. Requirement that licensee maintain approved guarantee of payment of deferred premiums for each owned operating reactor satisfied, per 10CFR140.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/16. MAUGANS, E.H. Cleveland Electric Illuminating Co. 1p. 27645:344. 24X Fiche: 50-000, 84/11/16, 8411260606.

G. Inspection reports, IE Bulletins & correspondence

8411030218 Forwards Insp Repts 50-440/84-15 & 50-441/84-14 on 840701-0910 & notice of violation.
WARNICK, R.F. Region 3, Office of Director. 84/10/10. EDELMAN, M.R. Cleveland Electric Illuminating Co. 2pp. 27308:319. 24X
Fiche: 50-440, 84/10/10, 8411030218.

DOCKETED ITEMS

271

--8411030229 Insp Repts 50-440/84-15 & 50-441/84-14 on 840701-0910. Noncompliance noted: Unit 1 Instrument Air Sys P52 tested & turned over to operations dept w/o demonstrating that sys would perform satisfactorily in svc.
KNRP, R.C. Region 3, Office of Director. 84/10/09. 12pp. 27308:323. 24X Fiche: 50-440, 84/10/10, 8411030218.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

8411030214 Interim Part 21 rept & deficiency Rept [RDC 115 (84)] re potential leakage path in electronics housing threads of Rosemount transmitters. Initially reported on 840919. Next rept will be submitted by 850127.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/16. KEPLER, J.G. Region 3, Office of Director. 2pp. 27308:317. 24X Fiche: 50-440, 84/10/16, 8411030214.

8411130395 Update to 840907 final Deficiency Rept [RDC 108(84)] re 480-volt ac circuit breakers supplied by Brown Boveri Electric. Brown Boveri assembling solid state trip device order. Completion of all actions expected by 850125.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/23. KEPLER, J.G. Region 3, Office of Director. 1p. 27459:068. 24X Fiche: 50-440, 84/10/23, 8411130395.

8411130408 Update to 840424 final Deficiency Rept [RDC 101(84)] re defect in piston skirt castings supplied by TDI. Pistons returned to TDI & dispositioned as scrap. Pistons will be replaced w/Type AE pistons.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/25. KEPLER, J.G. Region 3, Office of Director. 1p. 27458:324. 24X Fiche: 50-440, 84/10/25, 8411130408.

8411130314 Final Deficiency Rept [RDC 117 (84)] & Part 21 rept re TDI standby diesel generator voltage regulations. Initially reported on 840918. Engineering change notice being issued to implement recommendations in TDI Memo 364.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/26. KEPLER, J.G. Region 3, Office of Director. 2pp. 27459:310. 24X Fiche: 50-440, 84/10/26, 8411130314.

8411060429 Interim Deficiency Rept RDC[19(80)] re stainless cladding inside containment. Suppression pool corrosion monitoring sys full implementation delayed until 850322 due to extension of fuel load date until June 1985.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/30. KEPLER, J.G. Region 3, Office of Director. 1p. 27311:359. 24X Fiche: 50-440, 84/10/30, 8411060429.

8411120370 Interim deficiency rept [RDC 116(84)] re nonsafety design of control & computer room humidification sys. Initially reported on 841002. Applicant awaiting Gilbert/Commonwealth, Inc. rept. Next rept by 841214.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/30. KEPLER, J.G. Region 3, Office of Director. 2pp. 27436:346. 24X Fiche: 50-440, 84/10/30, 8411120370.

8411120309 Forwards conformed & attachment specs in response to 831228 request for addl info concerning TDI diesel generator. Info includes TDI Owners Group & site-specific responses.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/31. YOUNGBLOOD, B.J. Licensing Branch 1. 27pp. 27427:107. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120313 Rev 1 to Conformed Spec SP-562-4549-00, "Class 1E Diesel Generator Units."
WEISSEN, L., MANNING, H.A., SMITH, J.M. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 75/12/15. 62pp. 27427:134. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120319 Attachment Spec SP-551-4549-00, "Class 1E 460-Volt Induction Motors 200 Horsepower & Below Supplied W/Driven Equipment."
WEISSEN, L.R., MANNING, H.A., SMITH, J.M. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 75/08/07. 12pp. 27427:196. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120323 Attachment Spec SP-592-4549-00, "Instrument & Control Devices Supplied W/Safety-Related Equipment."
GUSDO, S.M., MANNING, H.A., JONES, V.C. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 75/02/12. 27pp. 27427:208. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120334 Attachment Spec SP-593-4549-00, "Safety-Related Local Control Panels & Rack Supplied W/Equipment."
STONE, L.D., MANNING, H.A., JONES, V.C. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 75/03/20. 27pp. 27427:235. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120339 Attachment Spec SP-706-4549-00, "Mfg GA Program Requirements - Quality Level I - Electrical for Safety-Related Equipment Vendors."
RABIN, R., CAMPBELL, M.B. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 74/05/03. 28pp. 27427:262. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120344 Attachment Spec SP-711-4549-00, "Class C Cleanliness Requirements for Mats & Equipment Prior to Packaging."
CAPIDOTIS, M.G., MANNING, H.A., HOY, L.E. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 75/10/03. 10pp. 27427:290. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120348 Attachment Spec SP-750-4549-00, "Seismic Analysis, Testing & Documentation."
LEE, J.R., TENBUS, M., CAMPBELL, M.B. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 74/03/21. 65pp. 27427:300. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120353 Rev 4 to Conformed Spec SP-562-4549-00, "Class 1E Diesel Generator Units."
GEHRING, G.R., MANNING, H.A., SMITH, J.M. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 78/09/07. 49pp. 27428:003. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120361 Rev 3 to Conformed Spec SP-562-4549-00, "Class 1E Diesel Generator Units."
GEHRING, G.R., YURICH, F.J., SMITH, J.M. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 77/12/16. 2pp. 27428:052. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120369 Rev 2 to Conformed Spec SP-562-4549-00, "Class 1E Diesel Generator Units."
GEHRING, G.R., KAYANAS, N.C., SMITH, J.M. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 77/03/16. 94pp. 27428:054. 24X Fiche: 50-440, 84/10/31, 8411120309.

--8411120388 Revised Attachment Spec SP-706-4549-00, "Mfg GA Program Requirements - Quality Level I - Electrical for Safety-Related Equipment Vendors."
VAN LANGEN, J.R., KAYANAS, N.C. Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.). 76/11/10. 51pp. 27428:149. 24X Fiche: 50-440, 84/10/31, 8411120309.

DOCKETED ITEMS

8411200511 Second Interim Deficiency Rept [RDC 111(84)] re fuel pool gates preoperational test requirements not addressed by test specs. Initially reported on 840813. Eleven specs require revs.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/10/31.
KEPPLER, J.G. Region 3, Office of Director. 2pp. 27586:197. 24X Fiche: 50-440, 84/10/31, 8411200511.

841140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 841140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec, figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06.
BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06.
BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

841140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 841140344.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

841150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07.
BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 841150011.

8411260051 Interim Deficiency Rept [RDC 118(84)] re violation of spec requirements during installation of Hilti drop-in anchors on fire protection sys supports. Initially reported on 841022. Final rept by 850329.
EDELMAN, M.R. Cleveland Electric Illuminating Co. 84/11/15.
KEPPLER, J.G. Region 3, Office of Director. 2pp. 27616:357. 24X Fiche: 50-440, 84/11/15, 8411260051.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16.
EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

DOCKET 50-443 SEABROOK NUCLEAR STATION, UNIT 1

A. Application/construction stage documents & correspondence

8411090507 Notification of Rev 2 to Significant Licensee Meeting 84-83 on 841108 w/util in King of Prussia, PA to discuss program for improving control of pipe installation.
GALLO, R. Region 1, Office of Director. 84/10/26. Region 1, Office of Director. 1p. 27424:383. 24X Fiche: 50-443, 84/10/26, 8411090507.

8411050194 Forwards responses to GW Knighton 841016 questions & comments re GA program implementation. Encl marked-up FSAR pages will be incorporated in next OL amend application.
JOHNSON, W.P. Public Service Co. of New Hampshire. 84/10/31.
KNIGHTON, G.W. Licensing Branch 3. 12pp. 27304:189. 24X Fiche: 50-443, 84/10/31, 8411050194.

8411070047 Forwards Rev 3 to "Moderate Energy Line Break Study." Rept prepared in accordance w/requirements of GDC 4 of 10CFR50, App A & Branch Technical Position ASB 3-1 of NUREG-0800.
DEVINCENTIS, J. Public Service Co. of New Hampshire. 84/11/01.
KNIGHTON, G.W. Licensing Branch 3. 2pp. 27355:089. 24X Fiche: 50-443, 84/11/01, 8411070047.

8411070051 Rev 3 to "Moderate Energy Line Break Study."
CARL, G.R., RHODAS, D.H. United Engineers & Constructors, Inc. (subs. of Raytheon Co.). TP-7 R03. 84/06/30. 63pp. 27355:091. 24X Fiche: 50-443, 84/11/01, 8411070047.

F. Security, medical, emergency & fire protection plans

8411290127 Notification of time change for 841120 meeting w/util in Bethesda, MD to discuss fire protection design for diesel oil storage tank & concentrated cable areas.
NERGES, V. Licensing Branch 3. 84/11/15. KNIGHTON, G.W. Licensing Branch 3. 4pp. 27701:053. 24X Fiche: 50-443, 84/11/15, 8411290127.

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411260348 Responds to NRC 841010 ltr re violations noted in Insp Repts 50-443/84-12 & 50-444/84-06. Corrective actions: memorandum issued to employees discussing falsification of documents & punitive action which could result.
DEVINCENTIS, J. Public Service Co. of New Hampshire. 84/11/15.
MARTIN, T.T. Division of Engineering & Technical Programs. 3pp. 27608:328. 24X Fiche: 50-443, 84/11/15, 8411260348.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411270133 Forwards Exam Rept 50-443/84-14 of exam administered on 840917-21.
GREENMAN, E.G. Division of Project & Resident Programs. 84/11/20.
HARRISON, R.J. Public Service Co. of New Hampshire. 2pp. 27629:334. 24X Fiche: 50-443, 84/11/20, 8411270133.

8411270141 Exam Rept 50-443/84-14 on 840917-21. Exam results: nine candidates passed & two failed.
JOHNSON, D., KELLER, R. Region 1, Office of Director. 84/11/13. 7pp. 27629:336. 24X Fiche: 50-443, 84/11/20, 8411270133.

S. Reportable occurrences, LERs & related correspondence

B411060141 Interim deficiency rept re seismic qualification of CRD mechanism shroud. Initially reported on 840820. Addl rept will be provided by 841130.
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/09/26.
STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27352:347. 24X Fiche: 50-443, 84/09/26, 8411060141.

B411060096 Interim deficiency rept re incomplete disc opening in Velan Valve Corp stop check valves. Initially reported on 840914. Caused by insufficient quantity of equalizing holes. Discs will be shipped to Velan for drilling.
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/10/12.
STAROSTECKI, R. Division of Project & Resident Programs. 3pp. 27352:335. 24X Fiche: 50-443, 84/10/12, 8411060096.

B411060085 Final deficiency rept re inadvertent closure of Brown Boveri 5 kv circuit breakers. Initially reported on 840309. Installation of close latch antishock spring to circuit breakers completed.
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/10/24.
STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27351:353. 24X Fiche: 50-443, 84/10/24, 8411060085.

B411190292 Final deficiency rept re Gould molded case circuit breakers. Initially reported on 840607. Defective circuit breakers returned to supplier for evaluation & determined incorrectly calibr. Item not reportable per 10CFR50.55(e).
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/10/26.
STAROSTECKI, R. Division of Project & Resident Programs. 3pp. 27367:263. 24X Fiche: 50-443, 84/10/26, 8411190292.

B411210328 Interim deficiency rept re Limitorque motor operators. Initially reported on 840730. Corrective action to be determined after contact w/vendor. Next rept anticipated by 890630.
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/11/01.
STAROSTECKI, R. Division of Project & Resident Programs. 3pp. 27607:358. 24X Fiche: 50-443, 84/11/01, 8411210328.

V. Operator Examinations

B411270133 Forwards Exam Rept 50-443/84-14 of exam administered on 840917-21.
GREENMAN, E. G. Division of Project & Resident Programs. 84/11/20.
HARRISON, R. J. Public Service Co. of New Hampshire. 2pp. 27629:334. 24X Fiche: 50-443, 84/11/20, 8411270133.

--B411270141 Exam Rept 50-443/84-14 on 840917-21. Exam results: nine candidates passed & two failed.
JOHNSON, D., KELLER, R. Region 1, Office of Director. 84/11/13. 7pp. 27629:336. 24X Fiche: 50-443, 84/11/20, 8411270133.

DOCKET 50-444 SEABROOK NUCLEAR STATION, UNIT 2

A. Application/construction stage documents & correspondence

B411050194 Forwards responses to GW Knighton 841016 questions & comments re GA program implementation. Encl marked-up FSAR pages will be incorporated in next OL amend application.
JOHNSON, W. P. Public Service Co. of New Hampshire. 84/10/31.
KNIGHTON, G. W. Licensing Branch 3. 12pp. 27304:189. 24X Fiche: 50-443, 84/10/31, 8411050194.

B411070047 Forwards Rev 3 to "Moderate Energy Line Break Study." Rept prepared in accordance w/requirements of GDC 4 of 10CFR50, App A & Branch Technical Position ABB 3-1 of NUREG-0800.
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/11/01.
KNIGHTON, G. W. Licensing Branch 3. 2pp. 27355:089. 24X Fiche: 50-443, 84/11/01, 8411070047.

--B411070051 Rev 3 to "Moderate Energy Line Break Study."
CARL, G. R., RHOADS, D. H. United Engineers & Constructors, Inc. (subs. of Raytheon Co.). TP-7 R03. 84/06/30. 63pp. 27355:091. 24X Fiche: 50-443, 84/11/01, 8411070047.

F. Security, medical, emergency & fire protection plans

B411290127 Notification of time change for 841120 meeting w/util in Bethesda, MD to discuss fire protection design for diesel oil storage tank & concentrated cable areas.
NERSEB, V. Licensing Branch 3. 84/11/15. KNIGHTON, G. W. Licensing Branch 3. 4pp. 27701:053. 24X Fiche: 50-443, 84/11/15, 8411290127.

G. Inspection reports, IE Bulletins & correspondence

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
ORACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

B411260348 Responds to NRC 841010 ltr re violations noted in Insp Repts 50-443/84-12 & 50-444/84-06. Corrective actions: memorandum issued to employees discussing falsification of documents & punitive action which could result.
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/11/15.
MARTIN, T. T. Division of Engineering & Technical Programs. 3pp. 27608:328. 24X Fiche: 50-443, 84/11/15, 8411260348.

B411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

B411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

B411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERs & related correspondence

B411060141 Interim deficiency rept re seismic qualification of CRD mechanism shroud. Initially reported on 840820. Addl rept will be provided by 841130.
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/09/26.
STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27352:347. 24X Fiche: 50-443, 84/09/26, 8411060141.

B411060096 Interim deficiency rept re incomplete disc opening in Velan Valve Corp stop check valves. Initially reported on 840914. Caused by insufficient quantity of equalizing holes. Discs will be shipped to Velan for drilling.
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/10/12.
STAROSTECKI, R. Division of Project & Resident Programs. 3pp. 27352:335. 24X Fiche: 50-443, 84/10/12, 8411060096.

B411060085 Final deficiency rept re inadvertent closure of Brown Boveri 5 kv circuit breakers. Initially reported on 840309. Installation of close latch antishock spring to circuit breakers completed.
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/10/24.
STAROSTECKI, R. Division of Project & Resident Programs. 2pp. 27351:353. 24X Fiche: 50-443, 84/10/24, 8411060085.

B411190292 Final deficiency rept re Gould molded case circuit breakers. Initially reported on 840607. Defective circuit breakers returned to supplier for evaluation & determined incorrectly calibr. Item not reportable per 10CFR50.55(e).
DEVINCENIS, J. Public Service Co. of New Hampshire. 84/10/26.
STAROSTECKI, R. Division of Project & Resident Programs. 3pp. 27367:263. 24X Fiche: 50-443, 84/10/26, 8411190292.

DOCKETED ITEMS

8411210328 Interim deficiency rept re Limitorque motor operators. Initially reported on 840730. Corrective action to be determined after contact w/vendor. Next rept anticipated by 850630.
DEVINCENTIS, J. Public Service Co. of New Hampshire. 84/11/01.
STAROSTECKI, R. Division of Project & Resident Programs. 3pp.
27607:358. 24X Fiche: 50-443, 84/11/01, 8411210328.

DOCKET 50-445 COMANCHE PEAK STEAM ELECTRIC STATION

A. Application/construction stage documents & correspondence

8411210002 Forwards table providing description of Amend 47 to FSAR dtd 840416.
MARSHALL, J. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/04/18. BURWELL, S.B. Office of Nuclear Reactor Regulation, Director. 3pp. 27391:326. 24X Fiche: 50-445, 84/04/18, 8411210002.

8411260277 Forwards Rev 0 to DC-3, "Cable Tray Support Design Review Criteria" & Rev 1 to TR-3501-1, "Generic Response to NRC IE Bulletin 79-02 Base Plate/Concrete Expansion Anchor Bolts," in response to 840417 request. W/o encl.
OLDAO, D. CYGNA Energy Services. 84/04/18. ELLIS, J. Citizens Association for Sound Energy. 4pp. 27615:112. 24X Fiche: 50-445, 84/04/18, 8411260277.

8411260410 Forwards telcon repts associated w/Phase 4 of independent assessment program & program plan document.
WILLIAMS, N.H. CYGNA Energy Services. 84/05/22. ELLIS, J. Citizens Association for Sound Energy. 41pp. 27610:052. 24X Fiche: 50-445, 84/05/22, 8411260410.

8411260349 Forwards telcon repts associated w/Phase 4 of independent assessment program.
WILLIAMS, N.H. CYGNA Energy Services. 84/06/18. ELLIS, J. Citizens Association for Sound Energy. 54pp. 27608:331. 24X Fiche: 50-445, 84/06/18, 8411260349.

8411060406 Forwards Gibbs & Hill responses to pipe stress questions re Phase 3 of independent assessment program.
WILLIAMS, N.H. CYGNA Energy Services. 84/06/20. ELLIS, J. Citizens Association for Sound Energy. 487pp. 27318:134. 24X Fiche: 50-445, 84/06/20, 8411060406.

--8411060415 "Refined Response Spectra for Safeguards Bldg."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FEB-5R. 82/11/30. 69pp. 27318:250. 24X Fiche: 50-445, 84/06/20, 8411060406.

--8411060420 "Refined Response Spectra for Svc Water Intake Structure."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FIS-4R. 82/12/31. 31pp. 27318:319. 24X Fiche: 50-445, 84/06/20, 8411060406.

--8411060465 "Refined Response Spectra for Electrical Bldg."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FEB-4R. 82/11/30. 48pp. 27318:350. 24X Fiche: 50-445, 84/06/20, 8411060406.

--8411060469 "Refined Response Spectra for Fuel Bldg."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FEB-3R. 82/12/31. 56pp. 27319:036. 24X Fiche: 50-445, 84/06/20, 8411060406.

--8411060474 "Refined Response Spectra for Auxiliary Bldg."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FEB-4R. 82/11/30. 64pp. 27319:092. 24X Fiche: 50-445, 84/06/20, 8411060406.

--8411060477 "Refined Response Spectra for Reactor Bldg Internal Structure."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FEB-8R. 82/12/31. 54pp. 27319:155. 24X Fiche: 50-445, 84/06/20, 8411060406.

--8411060484 "Refined Response Spectra for Containment Bldg."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FEB-7R. 82/12/31. 52pp. 27319:209. 24X Fiche: 50-445, 84/06/20, 8411060406.

8408280172 Forwards addl info re containment sump performance development as result of 840607 meeting.
SCHMIDT, H.C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/08/17. YOUNGBLOOD, B.J. Licensing Branch I. 69pp. 26273:040. 24X Fiche: 50-445, 84/08/17, 8408280172.

8411060416 Requests addl info re cinched U-bolt testing & analysis program. Request & clarification based on review of 840913 transcript of "Discussion Between CYGNA Energy Svcs & Texas Util Generating Co & EASCO Svcs."
WILLIAMS, N.H. CYGNA Energy Services. 84/10/01. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 3pp. 27315:337. 24X Fiche: 50-445, 84/10/01, 8411060416.

8411060532 Summarizes major steps associated w/Phase 3 plan described in RE Ballard 840914 ltr re mass participation. Comments based on comparison of mass participation plan & evaluation of work actually performed encl.
WILLIAMS, N.H. CYGNA Energy Services. 84/10/02. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27311:356. 24X Fiche: 50-445, 84/10/02, 8411060532.

8411060436 Forwards addl info in response to design control, pipe support & pipe stress questions per independent assessment program - Phase 3.
WILLIAMS, N.H. CYGNA Energy Services. 84/10/03. ELLIS, J. Citizens Association for Sound Energy. 156pp. 27316:172. 24X Fiche: 50-445, 84/10/03, 8411060436.

841150065 Forwards responses to questions from various disciplines re Phase 4 of CYGNA independent assessment program.
WILLIAMS, N.H. CYGNA Energy Services. 84/10/08. ELLIS, J. Citizens Association for Sound Energy. 1745pp. 27315:313. 24X Fiche: 50-445, 84/10/08, 841150065.

8411060450 Discusses review of mechanical sys design of component cooling water (CCW) sys. Review part of independent assessment program. Concern focused on single failure causing LOCA outside containment & mode failure of CCW sys.
WILLIAMS, N.H. CYGNA Energy Services. 84/10/09. BURWELL, S. NRC - No Detailed Affiliation Given. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27316:333. 24X Fiche: 50-445, 84/10/09, 8411060450.

8411060302 Forwards communication repts associated w/Phase 3 independent assessment program covering pipe support CC-1-028-024-533R, Calculation Set E1, Pipe Support Question 1B & insp repts.
OLDAO, D. CYGNA Energy Services. 84/10/11. ELLIS, J. Citizens Association for Sound Energy. 8pp. 27321:025. 24X Fiche: 50-445, 84/10/11, 8411060302.

8411060335 Forwards communications repts for Phase 4 independent assessment program re cable tray & conduit support design, local buckling & bending stresses & cable tray support review calculations.
OLDAO, D. CYGNA Energy Services. 84/10/11. ELLIS, J. Citizens Association for Sound Energy. 77pp. 27321:043. 24X Fiche: 50-445, 84/10/11, 8411060335.

8411060453 Forwards communications repts re Phase 1 & 2 of independent assessment program covering factor use in equivalent static load method & fire protection for electrical cable trays.
OLDAO, D. CYGNA Energy Services. 84/10/11. ELLIS, J. Citizens Association for Sound Energy. 7pp. 27315:330. 24X Fiche: 50-445, 84/10/11, 8411060453.

8411070049 Forwards errata & revised pages to draft Rept TR-B3090-01, Vols 1 & 2 of independent assessment program. Revis incorporate comments from NRC, ASLB & util.
WILLIAMS, N.H. CYGNA Energy Services. 84/10/12. BURWELL, S. Division of Licensing. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 10pp. 27353:244. 24X Fiche: 50-445, 84/10/12, 8411070049.

--8411070054 Rev 0 to "Independent Assessment Program."
WILLIAMS, N.H. CYGNA Energy Services. TR-B3090-01 R00. 84/10/12. 64pp. 27353:254. 24X Fiche: 50-445, 84/10/12, 8411070049.

--8411070061 Rev 2 to "Independent Design Verification, Pipe Stress Design Review Criteria."
MINICHELLO, J. WEINGART, L.J., WILLIAMS, N. CYGNA Energy Services. DC-1 R02. 84/09/18. 14pp. 27353:318. 24X Fiche: 50-445, 84/10/12, 8411070049.

--8411070065 Rev 2 to "Independent Design Review, Pipe Support Design Review Criteria."
LOU, S., WONG, C., MINICHELLO, J. CYGNA Energy Services. DC-2 R02. 84/09/25. 17pp. 27353:332. 24X Fiche: 50-445, 84/10/12, 8411070049.

--8411070072 Rev 2 to "Independent Design Review, Cable Tray Support Design Review Criteria."
RUSS, J., HORSTMAN, W., WILLIAMS, N. CYGNA Energy Services. DC-3 R02. 84/09/28. 13pp. 27353:349. 24X Fiche: 50-445, 84/10/12, 8411070049.

--8411070078 Rev 2 to "Independent Assessment Program, Electrical Sys Review Criteria."
MOERSFELDER, A., MARTIN, T., MINICHELLO, J. CYGNA Energy Services. DC-5 R02. 84/09/25. 197pp. 27353:363. 24X Fiche: 50-445, 84/10/12, 8411070049.

DOCKETED ITEMS

275

- 841140091 Forwards changes to 840906 final draft Tech Specs. Changes primarily editorial in nature & reflect changes recommended by util & NRC reviewers.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/19. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 72pp. 27326:001. 24X Fiche: 50-445, 84/10/19, 841140091.
- 8411010140 Notification of 841023 meeting w/util in Bethesda, MD to discuss applicant program plan for resolution of open items from Technical Review Team effort described in 840918 ltr re test program & civil structural areas.
VIETTI, A.L. Division of Licensing. 84/10/22. NOONAN, V.S. Division of Licensing. 4pp. 27261:014. 24X Fiche: 50-445, 84/10/22, 8411010140.
- 8411060455 Forwards corrected errata page to Rev 0 to TR-83090-01, "Independent Assessment Program."
WILLIAMS, N.H. CYONA Energy Services. 84/10/22. BURWELL, S. NRC - No Detailed Affiliation Given. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27315:325. 24X Fiche: 50-445, 84/10/22, 8411060455.
- 8411060459 Corrected errata page to Rev 0 to TR-83090-01, "Independent Assessment Program."
* CYONA Energy Services. 84/10/22. 4pp. 27315:326. 24X Fiche: 50-445, 84/10/22, 8411060459.
- 8411030145 Forwards requests for addl info re containment sump performance. Responses & rev to June 1984 rept should be submitted by 841106.
NOONAN, V.S. Division of Licensing. 84/10/24. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 6pp. 27309:325. 24X Fiche: 50-445, 84/10/24, 8411030145.
- 8411070325 Informs that 840824 Tech Spec re requirement to implement secondary water chemistry monitoring & control program acceptable. License condition discussed in SSER 1 no longer required.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/25. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 3pp. 27388:178. 24X Fiche: 50-445, 84/10/25, 8411070325.
- 8411010302 Forwards revised responses to NRC Questions 130, 37, 130, 38 & 130, 39 re structural engineering aspects of cable tray supports.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/10/26. YOUNGBLOOD, B.J. Licensing Branch 1. 13pp. 27229:133. 24X Fiche: 50-445, 84/10/26, 8411010302.
- 8411020204 Board Notification 84-174: follows up on Board Notification 84-160 & summarizes 841019 meeting w/util re applicant 841008 plan for resolution of NRC requests for addl info re electrical & instrumentation program.
EISENHUT, D.G. Division of Licensing. 84/10/26. BLOCK, P. JORDAN, W., MCCOLLUM, K. Atomic Safety and Licensing Board Panel. 3pp. 27400:137. 24X Fiche: 50-445, 84/10/26, 8411020204.
- 8411090303 Summary of 841019 meeting w/util, Dallas Morning News, Dallas Times Herald, CASE, Govt Accountability Project, TERA Corp & Paine Webber re util 841008 plan for resolution of NRC requests for addl info concerning listed items.
VIETTI, A. Division of Licensing. 84/10/26. Division of Licensing. 2pp. 27400:140. 24X Fiche: 50-445, 84/10/26, 8411020204.
- 8411090310 Notification of date change to 841019 for meeting w/util in Bethesda, MD to discuss applicant plan for resolution of open items from facility technical review team 840918 review of electrical & instrumentation areas.
VIETTI, A.L. Division of Licensing. 84/10/11. EISENHUT, D.G. Division of Licensing. 1p. 27400:142. 24X Fiche: 50-445, 84/10/26, 8411020204.
- 8411090313 Transcript of 841019 meeting in Bethesda, MD re util response to technical review team 841018 review. Pp 1-130.
* NRC - No Detailed Affiliation Given. 84/10/19. 200pp. 27400:143. 24X Fiche: 50-445, 84/10/26, 8411020204.
- 8411050201 Provides preliminary comments, analysis & recommendations re adequacy of design, const & operation & compliance w/federal regulations & industry stds. Util 841008 program plan should be rejected.
GARDE, B.P. Government Accountability Project. 84/10/26. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. EISENHUT, D. Division of Licensing. 18pp. 27304:169. 24X Fiche: 50-445, 84/10/26, 8411050201.
- 8411050209 Requests investigation into possible use of coercion pressure or other measures to persuade JJ Lipinsky to recant sharp criticisms of plant protective coatings program. Brief, summarizing evidence, encl. w/o encl.
CLARK, L. Government Accountability Project. 84/10/29. HAYES, B. Office of Investigation. 2pp. 27304:187. 24X Fiche: 50-445, 84/10/26, 8411050201.
- 8411090419 Forwards Amend 8 to CPPR-126, safety evaluation & notice of issuance & availability. Amend incorporates partial exemption from GDC 4 of 10CFR50, App A re installation of jet impingement shields, granted on 840828.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/26. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27424:337. 24X Fiche: 50-445, 84/10/26, 8411090419.
- 8411090423 Amend 8 to CPPR-126, incorporating partial exemption from GDC 4 of 10CFR50, App A, granted on 840828. Licensee not required to install jet impingement shields in eight locations per loop in primary coolant piping sys.
EISENHUT, D.G. Division of Licensing. 84/10/26. 2pp. 27424:341. 24X Fiche: 50-445, 84/10/26, 8411090419.
- 8411090424 Safety evaluation supporting Amend 8 to CPPR-126.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/26. 6pp. 27424:343. 24X Fiche: 50-445, 84/10/26, 8411090419.
- 8411090428 Notice of issuance & availability of Amend 8 to CPPR-126.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/26. 3pp. 27424:349. 24X Fiche: 50-445, 84/10/26, 8411090419.
- 8411150278 Summary of 841019 meeting w/util in Bethesda, MD re resolution of requests for addl info from Technical Review Team effort described in 840919 ltr. Transcript of meeting encl.
VIETTI, A. Comanche Peak Technical Review Team. 84/10/26. Division of Licensing. 3pp. 27530:068. 24X Fiche: 50-445, 84/10/26, 8411150278.
- 8411070081 Forwards draft "Offsite Dose Calculation Manual" & list of changes to 841028 draft.
BECK, J.W. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/10/31. YOUNGBLOOD, B.J. Licensing Branch 1. 2pp. 27354:299. 24X Fiche: 50-445, 84/10/31, 8411070081.
- 8411070087 Draft "Offsite Dose Calculation Manual."
* Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/10/31. 90pp. 27354:301. 24X Fiche: 50-445, 84/10/31, 8411070081.
- 8411080305 Rev 1 to "Evaluation of Paint & Insulation Debris Effects on Containment Emergency Sump Performance."
CHIRUVU, M., FALK, K., SCHLESINGER, H. Gibbs & Hill, Inc. (subs. of Dravo Corp.). 84/10/31. 288pp. 27393:130. 24X Fiche: 50-445, 84/10/31, 8411080305.
- 8411140508 Summary of 841023 meeting w/util, Govt Accountability Project/CASE, Dallas Morning News, Dallas Times Herald & TERA Corp in Bethesda, MD re applicant 841008 plan for resolution of NRC requests for addl info. Transcript of meeting encl.
VIETTI, A. Division of Licensing. 84/11/01. Division of Licensing. 3pp. 27527:269. 24X Fiche: 50-445, 84/11/01, 8411140508.
- 8411060198 Informs of intent to respond to Govt Accountability Project 840926 & 1026 comments re NRC staff technical review team findings.
SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/02. EISENHUT, D.G. Division of Licensing. 1p. 27323:339. 24X Fiche: 50-445, 84/11/02, 8411060198.
- 8411070011 Forwards Rev 1 to 840630 rept re containment sump performance & Westinghouse 841102 ltr re evaluation of paint & insulation debris effects on sump performance. W/o rept.
BECK, J.W. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/02. YOUNGBLOOD, B.J. Licensing Branch 1. 8pp. 27359:140. 24X Fiche: 50-445, 84/11/02, 8411070011.
- 8411070108 Board Notification 84-175: summarizes 841023 meeting w/util to discuss 841008 plan for resolution of technical review team 840918 requests for addl info re electrical, instrumentation, civil/structural & test programs.
EISENHUT, D.G. Division of Licensing. 84/11/02. BLOCK, P. Consolidated Edison Co. of New York, Inc. JORDAN, W., MCCOLLUM, K. Atomic Safety and Licensing Board Panel. 3pp. 27425:268. 24X Fiche: 50-445, 84/11/02, 8411070108.
- 8411120279 Forwards transcript of 841023 meeting w/util to discuss plan for resolution of technical review team 840918 requests for addl info.
VIETTI, A. Division of Licensing. 84/11/01. Division of Licensing. 1p. 27423:271. 24X Fiche: 50-445, 84/11/02, 8411070108.
- 8411120287 Transcript of 841023 meeting w/util & technical review team in Bethesda, MD re 841008 plan for resolution of technical review team 840918 requests for addl info re electrical, instrumentation, civil/structural & test programs. Pp 1-99.
* NRC - No Detailed Affiliation Given. 84/10/23. 173pp. 27425:274. 24X Fiche: 50-445, 84/11/02, 8411070108.

DOCKETED ITEMS

- 841150167 Documents agreements reached in telcon re deleted response time requirements for containment vent isolation & turbine trip in FSAR & Tech Specs. Addl SSERs not required. YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/02. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 5pp. 27530:349. 24X Fiche: 50-445, 84/11/02, 841150167.
- 841130151 Forwards 841026 CASE brief in opposition to applicant request for nondisclosure of relevant Lipinsky documents & 841026 BP Garde ltr to HR Denton. NOONAN, V.S. NRC - No Detailed Affiliation Given. 84/11/05. CASE, E., MCKNIGHT, J., TANG, R.C. NRC - No Detailed Affiliation Given. 2pp. 27478:027. 24X Fiche: 50-445, 84/11/05, 841130151.
- 841130160 Forwards 841028 request for investigation into util actions suppressing & substantially modifying J Lipinsky opinions re painting coatings GA/GC program. GARDE, B.P. Government Accountability Project. 84/10/28. NOONAN, V. NRC - No Detailed Affiliation Given. 1p. 27478:029. 24X Fiche: 50-445, 84/11/05, 841130151.
- 8411080084 Forwards "Independent Assessment Program: Design Change Tracking Group Data Base Review." Rept provides results of 840613-15 review. WILLIAMS, N.H. CYGNA Energy Services. 84/11/06. BURWELL, S. NRC - No Detailed Affiliation Given. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27392:191. 24X Fiche: 50-445, 84/11/06, 8411080084.
- 8411080091 "Independent Assessment Program: Design Change Tracking Group Data Base Review." BIBB, S.L., WILLIAMS, N.H. CYGNA Energy Services. TR-83090-03 R00. 84/08/15. 5pp. 27392:193. 24X Fiche: 50-445, 84/11/06, 8411080084.
- 841140224 Forwards addl info re seismic & dynamic qualification of safety-related equipment required for closure or confirmation that previous commitments completed. BECK, J.W. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/06. YOUNGBLOOD, B.J. Licensing Branch 1. 9pp. 27467:012. 24X Fiche: 50-445, 84/11/06, 841140224.
- 8411200375 Notification of 841113 meeting w/util in Bethesda, MD to discuss verification of computer code used by Ebasco for analysis of concrete structural failure. BURWELL, S.B. Licensing Branch 1. 84/11/08. YOUNGBLOOD, B.J. Licensing Branch 1. 5pp. 27597:304. 24X Fiche: 50-445, 84/11/08, 8411200375.
- 8411200062 Forwards CASE comments on util 841008 program plan to respond to technical review team 840918 rept. NOONAN, V.S. Comanche Peak Technical Review Team. 84/11/09. CASE, E., TANG, R.C., WESSMAN, R. NRC - No Detailed Affiliation Given. 20pp. 27588:305. 24X Fiche: 50-445, 84/11/09, 8411200062.
- 8411260232 Forwards, for review & info, CASE comments on applicant 841008 program plan to respond to 840918 Technical Review Team rept. Documents being placed in PDR. NOONAN, V.S. Comanche Peak Technical Review Team. 84/11/09. Comanche Peak Technical Review Team. 19pp. 27646:343. 24X Fiche: 50-445, 84/11/09, 8411260232.
- 841160367 Responds to Govt Accountability Project 840926 & 1026 ltrs attacking util & project. Rev to response team program plan in progress, addressing programmatic safety concerns expressed at NRC 841019 & 23 meetings. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/12. EISENHUT, D.O. Division of Licensing. 2pp. 27537:195. 24X Fiche: 50-445, 84/11/12, 841160367.
- 8411210137 Forwards description of FSAR Amend 53, dtd 841105. MARSHALL, J.S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/13. BURWELL, S.B. Division of Licensing. 5pp. 27590:093. 24X Fiche: 50-445, 84/11/13, 8411210137.
- 8411260293 Submits list of requested changes to final draft Tech Specs. Review of final draft Tech Specs incomplete. Addl mods may be necessary at future date. BECK, J.W. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/15. YOUNGBLOOD, B.J. Licensing Branch 1. 2pp. 27613:028. 24X Fiche: 50-445, 84/11/15, 8411260293.
- 8411260386 Forwards plant-specific electrical schematic/elementary diagram incorporating auto shunt trip actuation, per Generic Ltr 83-28. BECK, J.W. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/15. YOUNGBLOOD, B.J. Licensing Branch 1. 2pp. 27611:048. 24X Fiche: 50-445, 84/11/15, 8411260386.
- 8411260317 Forwards addl info on independent assessment program Phase 1 & cinched U-bolt testing & analyses program. Contact between pipe & crosspipe overestimated & contact between pipe & U-bolt incorrectly assumed to extend for 180 degrees. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/16. WILLIAMS, N.H. CYGNA Energy Services. 15pp. 27613:001. 24X Fiche: 50-445, 84/11/16, 8411260317.
- 8411260321 Comments on CYGNA 841106 response to NRC questions re independent assessment program, Phases 1 & 2. Reversal of snubbers not design change. Orientation of snubbers shown on design drawings purely arbitrary. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/16. BURWELL, S.B. NRC - No Detailed Affiliation Given. 2pp. 27612:361. 24X Fiche: 50-445, 84/11/16, 8411260321.
- 8411260522 Forwards transcripts of 841113 meeting re motion for summary disposition on upper lateral restraint, per request. W/o encls. BURWELL, S.B. Licensing Branch 1. 84/11/16. ELLIS, J. Citizens Association for Sound Energy. 2pp. 27645:357. 24X Fiche: 50-445, 84/11/16, 8411260522.
- 8411270334 Forwards errata & revised pages to "Independent Assessment Program of Comanche Peak Steam Electric Station (Phase 3)." WILLIAMS, N.H. CYGNA Energy Services. 84/11/20. BURWELL, S. NRC - No Detailed Affiliation Given. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27631:170. 24X Fiche: 50-445, 84/11/20, 8411270334.
- 8411270337 Errata & revised pages to "Independent Assessment Program of Comanche Peak Steam Electric Station (Phase 3)." WILLIAMS, N.H. CYGNA Energy Services. TR-84042-01 ERR. 84/11/20. 312pp. 27631:174. 24X Fiche: 50-445, 84/11/20, 8411270334.
- 8411260053 Forwards Rev 1 to "Program Plan & Issue-Specific Action Plans," per 841019 & 23 meetings w/NRC. Rev adds two non-util members to senior review team & replaces all issue team leaders w/non-util experts. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/21. EISENHUT, D.O. Division of Licensing. 1p. 27615:133. 24X Fiche: 50-445, 84/11/21, 8411260053.
- 8411260057 Rev 1 to "Program Plan & Issue-Specific Action Plans." Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/21. 30pp. 27615:134. 24X Fiche: 50-445, 84/11/21, 8411260053.
- E. NRC Safety Evaluation Report (SER), suppl & correspondence
- 8411060326 Forwards Containment Sys Branch SSER transmitted by NRC ltr re containment isolation. Encl suppl includes missing SER Pages 5 & 6 & supercedes original SER. YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/25. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 9pp. 27329:324. 24X Fiche: 50-445, 84/10/25, 8411060326.
- 8411070325 Informs that 840824 Tech Spec re requirement to implement secondary water chemistry monitoring & control program acceptable. License condition discussed in SSER 1 no longer required. YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/25. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 3pp. 27388:178. 24X Fiche: 50-445, 84/10/25, 8411070325.
- 841130599 Forwards SSER re proposed N-16 transit time flow meter. Flow meter principle adequately demonstrated. Commitment to provide N-16 flow meter performance data required prior to licensing. YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/01. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27471:332. 24X Fiche: 50-445, 84/11/01, 841130599.
- 841130605 SSER re proposed N-16 transit time flow meter. Flow meter adequately demonstrated. * NRC - No Detailed Affiliation Given. 84/11/01. 4pp. 27471:336. 24X Fiche: 50-445, 84/11/01, 841130599.
- 8411260533 Advises of issuance of encl SSER 6 (NUREG-0797) re operation of facility. Suppl issued out of sequence. SSER 5 concerning independent assessment program being prepared & will be issued in near future. W/o encl. YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/13. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27645:353. 24X Fiche: 50-445, 84/11/13, 8411260533.

DOCKETED ITEMS

277

8411290102 Forwards SSERs on acceptability of ASME Code relief requests re preservice insp program. Program acceptable. Relief allowed from requirements deemed impractical to implement, per 10CFR50.55a(a)(2).
YOUNGBLOOD, B.J., Licensing Branch 1. 84/11/13. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27692:173. 24X Fiche: 50-445, 84/11/13, 8411290102.

---8411290109 SSER re applicant request for relief from ASME Code Section XI requirements deemed impractical to perform. Relief granted, per 10CFR50.55a(a)(2). Preservice insp program acceptable.
* Materials Engineering Branch. 84/11/13. 12pp. 27692:177. 24X Fiche: 50-445, 84/11/13, 8411290102.

---8411290115 SSER re preservice insp relief request evaluation. Public interest not served by imposing provisions of Section XI of ASME Code deemed impractical. Relief granted.
* NRC - No Detailed Affiliation Given. 84/11/13. 30pp. 27692:189. 24X Fiche: 50-445, 84/11/13, 8411290102.

8411280409 Forwards interim evaluation rept re emergency response capability conformance w/Reg Guide 1.97, Rev 2, prepared by EG&G Idaho. Rept addresses info provided in util 820630, 830415, 1024 & 840626 ltrs, per SSER 4 (NUREG-0797).
YOUNGBLOOD, B.J., Licensing Branch 1. 84/11/13. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 1p. 27683:341. 24X Fiche: 50-445, 84/11/13, 8411280409.

---8411280421 Forwards SSER re acceptability of ASME Code relief requests concerning preservice insp program & findings re ability to perform ultrasonic exam of cast stainless steel piping welds.
YOUNGBLOOD, B.J., Licensing Branch 1. 84/11/13. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 3pp. 27683:342. 24X Fiche: 50-445, 84/11/13, 8411280409.

---8411280427 SSER re RCPB inservice insp & testing & evaluation of compliance w/10CFR50.55a(g).
* Materials Engineering Branch. 84/11/13. 12pp. 27683:345. 24X Fiche: 50-445, 84/11/13, 8411280409.

---8411280432 SSER re evaluation of preservice insp relief request, per applicant 821007, 830310, 0506, 1108 & 840829 ltrs. Relief should be granted.
* Materials Engineering Branch. 84/11/13. 1p. 27683:357. 24X Fiche: 50-445, 84/11/13, 8411280409.

8411270533 Forwards SSER 6 to (NUREG-0797). SSER available in PDR & LPDR. SSER 5 still in preparation. W/o encl.
YOUNGBLOOD, B.J., Licensing Branch 1. 84/11/19. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27671:229. 24X Fiche: 50-445, 84/11/19, 8411270533.

F. Security, medical, emergency & fire protection plans

8411020375 Forwards Insp Rept 50-445/84-30 on 840807-10. No violations noted.
BANGART, R.L., Region 4, Office of Director. 84/09/18. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27274:172. 24X Fiche: 50-445, 84/09/18, 8411020375.

---8411020378 Insp Rept 50-445/84-30 on 840807-10. No violations noted. Major areas inspected: mat'l control & accounting of SNM. Details withheld (ref 10CFR73.21).
CALDWELL, R.A., HALL, R.E., HUNNICUTT, D.M., Region 4, Office of Director. 84/09/17. 1p. 27274:174. 24X Fiche: 50-445, 84/09/18, 8411020375.

8411130488 Forwards Insp Rept 50-445/84-27 on 840806-10. No violations or deviations noted.
BANGART, R.L., Region 4, Office of Director. 84/10/10. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27462:341. 24X Fiche: 50-445, 84/10/10, 8411130488.

---8411130491 Insp Rept 50-445/84-27 on 840806-10. No violations or deviations noted. Major areas inspected: Apps A & B items identified during 830926-1007 emergency preparedness appraisal.
MONTGOMERY, J.L., BAIRD, J.B., HUNNICUTT, D.M., Region 4, Office of Director. 84/09/17. 6pp. 27462:343. 24X Fiche: 50-445, 84/10/10, 8411130488.

8411060453 Forwards communications repts re Phase 1 & 2 of independent assessment program covering factor use in equivalent static load method & fire protection for electrical cable trays.
GLDAG, D., CYGNA Energy Services. 84/10/11. ELLIS, J., Citizens Association for Sound Energy. 7pp. 27315:330. 24X Fiche: 50-445, 84/10/11, 8411060453.

8411130086 Forwards request for addl info re fire protection safe shutdown & alternate safe shutdown design. Info supplied in util 841001 ltrs not sufficiently complete. Schedule for response requested within 5 days of ltr receipt.
YOUNGBLOOD, B.J., Licensing Branch 1. 84/11/06. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 6pp. 27481:290. 24X Fiche: 50-445, 84/11/06, 8411130086.

8411260160 Forwards changes to Rev 4 to physical security plan. Changes withheld.
CLEMENTS, B.R., Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/16. DENTON, H.D., Office of Nuclear Reactor Regulation, Director. 1p. 27614:209. 24X Fiche: 50-445, 84/11/16, 8411260160.

G. Adjudicatory correspondence

8411060557 Response to ASLB 841018 request for info re cinching down U-bolts. Raw data supporting Table 2 of 840629 affidavit of RC Iotti & JC Finneran & Certificate of Svc encl. Related correspondence.
HORIN, M.H., Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HORIN, M.H., Bishop, Liberman, Cook, Purcell & Reynolds. #484 975. 84/10/23. 13pp. 27326:260. 24X Fiche: 50-445, 84/10/23, 8411060557.

8411010320 Second answer to CASE 840926 motion for production of documents re proposed testimony of EG&G. Certificates of Svc encl. Related correspondence.
TREBY, S.A., Hearing Branch 1. #484 831. 84/10/24. Citizens Association for Sound Energy. 6pp. 27232:007. 24X Fiche: 50-445, 84/10/24, 8411010320.

8411060551 Provides Govt Accountability Project & CASE comments, analysis & recommendations re adequacy of design, const & operation of plant. Independent auditing sys for problems at plant requested.
GARDE, B.P., Government Accountability Project. #484 973. 84/10/26. DENTON, H.R., Office of Nuclear Reactor Regulation, Director. EISENHUT, D.G., Division of Licensing. 18pp. 27326:273. 24X Fiche: 50-445, 84/10/26, 8411060551.

8411010254 Forwards new Page 4 to third draft of Lipinsky 840808 trip rept. Page 4 of trip rept had been reproduced as two pages in order to capture insert taped to page. Related correspondence.
GALLD, J., Isham, Lincoln & Beale. GALLD, J., Oliver B. Cannon & Son, Inc. #484 843. 84/10/29. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H., Atomic Safety and Licensing Board Panel. 2pp. 27231:359. 24X Fiche: 50-445, 84/10/29, 8411010254.

8411010398 Staff third answer to CASE 840926 motion for production of documents to NRC re proposed testimony of EG&G & request for production of documents. Certificate of Svc encl. Related correspondence.
TREBY, S.A., Hearing Branch 1. #484 830. 84/10/29. Atomic Safety and Licensing Board Panel. 6pp. 27229:350. 24X Fiche: 50-445, 84/10/29, 8411010398.

8411010501 Forwards Insp Rept 84-22/84-07. W/o encl. Related correspondence.
MIZUNO, G.S., Hearing Branch 1. #484 832. 84/10/29. BLOCH, P.B., JORDAN, W.H., MCCOLLUM, K.A., Atomic Safety and Licensing Board Panel. 1p. 27229:123. 24X Fiche: 50-445, 84/10/29, 8411010501.

8411060547 Requests investigation of util officials attempt to influence OB Cannon Co assessment of paint coatings program through coercion of JJ Lipinsky. CASE brief on subj coverup & coercion encl. W/o encl.
CLARK, L., Government Accountability Project. #484 972. 84/10/29. HAYES, B., Office of Investigation. 2pp. 27326:291. 24X Fiche: 50-445, 84/10/29, 8411060547.

8411010504 Staff response to OB Cannon & JJ Norris 841023 motion to strike JJ Norris 841001 & 02 testimony before ASLB. Staff agrees testimony should be stricken as evidence & treated as discovery disposition. Related correspondence.
BOCHMANN, R.G., Hearing Branch 1. #484 829. 84/10/30. Atomic Safety and Licensing Board Panel. 6pp. 27229:125. 24X Fiche: 50-445, 84/10/30, 8411010504.

8411060266 Answer opposing applicant 841019 motion for reconsideration of ASLB order granting discovery on crossover leg restraints. Certificate of Svc encl. Related correspondence.
ELLIS, J., Citizens Association for Sound Energy. #484 917. 84/10/30. Atomic Safety and Licensing Board Panel. 10pp. 27324:010. 24X Fiche: 50-445, 84/10/30, 8411060266.

8411060451 Response to CASE 841018 motion for referral of R Jones incident to Ofc of Investigations. Certificate of Svc encl.
MIZUNO, G.S., Hearing Branch 1. #484 931. 84/10/30. Atomic Safety and Licensing Board Panel. 12pp. 27312:001. 24X Fiche: 50-445, 84/10/30, 8411060451.

DOCKETED ITEMS

- 8411060463 Forwards CASE 841030 motion for addl time & second partial answer to applicant statement of matl facts in form of affidavit of M Walsh.
ELLIS, J. Citizens Association for Sound Energy. #484 916.
84/10/30. Docketing & Services Branch. 1p. 27313:288. 24X
Fiche: 50-445, 84/10/30, 8411060463.
- 8411060471 Motion for addl time until 841204 to further answer applicant statement of matl facts as to which there is no genuine issue re applicant GA program for design of piping & pipe supports for plant. Affidavit of M Walsh encl.
ELLIS, J. Citizens Association for Sound Energy. 84/10/30. Atomic Safety and Licensing Board Panel. 3pp. 27313:287. 24X
Fiche: 50-445, 84/10/30, 8411060463.
- 8411060481 Affidavit of M Walsh consisting of CASE second partial answer to applicant statement of matl facts as to which there is no genuine issue re applicant GA program for design of piping & pipe supports. Supporting documentation encl.
WALSH, M. Citizens Association for Sound Energy. 84/10/29. 217pp. 27313:292. 24X Fiche: 50-445, 84/10/30, 8411060463.
- 8411010660 Memorandum & order disallowing fourth & higher round pleadings on summary disposition motions unless pleadings demonstrate stated criteria. Served on 841101.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 860.
84/10/31. 3pp. 27251:111. 24X Fiche: 50-445, 84/10/31, 8411010660.
- 8411020035 Motion to compel production of documents from NRC staff, consisting of discovery notes taken at EG&G, per 10CFR2.740(b)(2). Certificate of Svc encl. Related correspondence.
ROISMAN, A.Z. Citizens Association for Sound Energy. ROISMAN, A.Z. Trial Lawyers for Public Justice. #484 846. 84/10/31. Atomic Safety and Licensing Board Panel. 8pp. 27237:163. 24X
Fiche: 50-445, 84/10/31, 8411020035.
- 8411020074 Forwards memorandum in opposition to CASE motion for referral of R Jones incident, opposition to motion for production of documents & memorandum in support of Cannon motion to strike J Norris testimony. Related correspondence.
DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. DOWNEY, B.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 857. 84/10/31. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27256:154. 24X
Fiche: 50-445, 84/10/31, 8411020074.
- 8411020077 Opposition to CASE motion for referral of R Jones incident to Ofc of Investigations. Certificate of Svc encl. Related correspondence.
DOWNEY, B.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. 84/10/30. Atomic Safety and Licensing Board Panel. 4pp. 27256:155. 24X Fiche: 50-445, 84/10/31, 8411020074.
- 8411020081 Opposition to CASE motion for production of documents re termination of J Cole. Certificate of Svc encl. Related correspondence.
* Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). * Bishop, Liberman, Cook, Purcell & Reynolds. 84/10/30. Citizens Association for Sound Energy. 5pp. 27256:159. 24X Fiche: 50-445, 84/10/31, 8411020074.
- 8411020084 Memorandum in support of DB Cannon motion to strike testimony of J Norris. Certificate of Svc encl. Related correspondence.
DOWNEY, B.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. 84/10/30. 4pp. 27256:164. 24X Fiche: 50-445, 84/10/31, 8411020074.
- 8411060385 Response opposing CASE 841018 motion for sanctions due to repeated untimely filings of CT Brandt testimony. Certificate of Svc encl.
BERRY, G.A. Hearing Branch 1. #484 922. 84/10/31. Atomic Safety and Licensing Board Panel. 8pp. 27320:302. 24X
Fiche: 50-445, 84/10/31, 8411060385.
- 8411070016 Response to applicant 841005 motions to set schedule for briefs addressing Cygne Phase 3 issues & for expedited response. Board should defer action on motions.
MIZUNO, G.S. Hearing Branch 1. #484 991. 84/10/31. Atomic Safety and Licensing Board Panel. 4pp. 27360:046. 24X
Fiche: 50-445, 84/10/31, 8411070016.
- 8411070023 Affidavit of VS Noonan on Cygne Phase 3 rept.
NOONAN, V.S. NRC - No Detailed Affiliation Given. 84/10/31. 5pp. 27360:030. 24X Fiche: 50-445, 84/10/31, 8411070016.
- 8411010549 Order directing applicant to deliver to those on svc list all records re termination of J Cole by 841107 & memorandum granting CASE 841010 motion for production of documents. Served on 841101.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 863. 84/11/01. Office of the Executive Legal Director. 2pp. 27251:114. 24X Fiche: 50-445, 84/11/01, 8411010549.
- 8411020500 Memorandum requesting rept from Ofc of Investigations as to whether R Jones incident discussed in CASE 841018 motion was result of negligence or coercion of potential witness. Served on 841101.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 876. 84/11/01. Office of Investigation. 1p. 27261:298. 24X
Fiche: 50-445, 84/11/01, 8411020500.
- 8411020528 Forwards applicants opposition to CASE motion for sanctions. Memorandum being filed 841101. Applicant requests oral argument on motion. Related correspondence.
DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. #484 874. 84/11/01. BLOCH, P.B., JORDAN, W.H., GROSSMAN, H. Atomic Safety and Licensing Board Panel. 1p. 27261:160. 24X Fiche: 50-445, 84/11/01, 8411020528.
- 8411020534 Response opposing CASE motion for sanctions countering allegations re prefiled testimony, proposed findings of fact, brief re DB Cannon documents & testimony of liner plates. Certificate of Svc encl.
DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. 84/11/01. Atomic Safety and Licensing Board Panel. 8pp. 27261:161. 24X
Fiche: 50-445, 84/11/01, 8411020528.
- 8411020544 Memorandum deferring 841023 motion to strike testimony of JJ Norris pending testimony & explanation. Served on 841101.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 875. 84/11/01. 1p. 27261:280. 24X Fiche: 50-445, 84/11/01, 8411020544.
- 8411060395 Response opposing applicant 841004 motion to strike CASE 841001 answer to applicant reply to CASE 841002 answer on consideration of friction forces.
MIZUNO, G.S. Hearing Branch 1. #484 923. 84/11/01. Atomic Safety and Licensing Board Panel. 5pp. 27320:265. 24X
Fiche: 50-445, 84/11/01, 8411060395.
- 8411060400 Response opposing applicant 841019 motion for reconsideration of ASLB 841005 order granting discovery on adequacy of crossover leg restraints. Certificate of Svc encl.
MIZUNO, G.S. Hearing Branch 1. 84/11/01. Atomic Safety and Licensing Board Panel. 7pp. 27320:270. 24X Fiche: 50-445, 84/11/01, 8411060395.
- 8411050446 Memorandum vacating 840917 Order LBP 84-36 re Ofc of Investigation documents, per Ofc of Investigation 841025 memo. Requests to be informed of deadline for advising ASLB re relevance of 19 repts at issue. Served on 841102.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 879. 84/11/02. 2pp. 27297:230. 24X Fiche: 50-445, 84/11/02, 8411050446.
- 8411060303 Reply to CASE 840827 partial answer to applicant 840520 motion for summary disposition re safety factors.
PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. #484 892. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27321:295. 24X Fiche: 50-445, 84/11/02, 8411060303.
- 8411060309 Affidavit of RD Wheaton, JC Finneran & RC Iotti in reply to CASE partial answer to applicant motion for summary disposition re safety factors. Certificate of Svc encl.
IOTTI, R.C., FINNERAN, J.C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). IOTTI, R.C. Ebasco Services, Inc. (subs. of Enserch Corp.). 84/11/01. 23pp. 27321:297. 24X
Fiche: 50-445, 84/11/02, 8411060303.
- 8411060414 Memorandum ordering applicant to discuss ASLB order re filing of CASE motion for sanctions & to indicate own judgment concerning appropriateness of counsel dictating testimony. Served on 841105.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 898. 84/11/02. 2pp. 27320:247. 24X Fiche: 50-445, 84/11/02, 8411060414.
- 8411060603 Forwards original weld data card & related documents for Field Weld 40-C which ASLB released for use in preparing Chaney prefiled testimony. Related correspondence.
DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. #484 961. 84/11/02. BLOCH, P.B. Atomic Safety and Licensing Board Panel. JORDAN, W.H. Affiliation Not Assigned. GROSSMAN, H. NRC - No Detailed Affiliation Given. 1p. 27326:340. 24X
Fiche: 50-445, 84/11/02, 8411060603.

DOCKETED ITEMS

279

- 8411070018 Staff response to applicant 840517 motion for summary disposition of Case allegations re AWS & ASME Code provisions on weld design. #484 988. 84/11/02. Atomic Safety and Licensing Board Panel. 7pp. 27359:047. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070026 Affidavit of D Terao on AWS & ASME Code provisions on weld design. Certificate of Svc encl. TERAQ, D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). TERAQ, D. Mechanical Engineering Branch. 84/11/02. 25pp. 27359:054. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070038 Forwards staff response to applicant suppl motion for 10CFR50.57(c) authorization. SP Burwell, WL Jensen, M Dunenfeld & DL Kelly affidavits. MIZUNO, G.S. Hearing Branch 1. 84/11/02. BLOCH, P.B., JOHNSON, E.B., MCCALLOM, K.A. Atomic Safety and Licensing Board Panel. 1p. 27359:079. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070060 Staff response to applicant suppl motion for 10CFR50.57(c) authorization, suggesting ASLB proceed w/ resolution of factual issues now in dispute rather than inject new separate consideration of sys. MIZUNO, G.S. Hearing Branch 1. SCINTO, J.F. Hearings Division. 84/11/02. Atomic Safety and Licensing Board Panel. 18pp. 27359:080. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070069 Affidavit of SB Burwell re Comanche Peak Steam Electric Station sys for pipe support design & design GA. BURWELL, S.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). BURWELL, S.B. Licensing Branch 1. 84/11/02. 8pp. 27359:098. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070074 Affidavit of M Dunenfeld re maint of subcriticality. DUNENFELD, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). DUNENFELD, M. Core Performance Branch. 84/11/02. 5pp. 27359:106. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070084 Affidavit of WL Jensen re sys necessary for protection of public health & safety during proposed fuel load & precriticality test events. DL Kelly unexecuted affidavit re initial startup procedures encl. JENSEN, W.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). JENSEN, W.L. Reactor Systems Branch. 84/11/02. 14pp. 27359:111. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070070 Memorializes 841101 telcon re NRC request for extension until Jan 1985 to respond to CASE 841006 motion for summary disposition re implementation of GA/GC design. Request granted. Related correspondence. MIZUNO, G.S. Hearing Branch 1. #484 992. 84/11/02. BLOCH, P.B., JOHNSON, E.B., MCCALLOM, K.A. Atomic Safety and Licensing Board Panel. 1p. 27364:025. 24X Fiche: 50-445, 84/11/02, 8411070070.
- 8411090265 Answer to applicant motions to set schedule for briefs addressing CYGNA Phase 3 issues & for expedited responses. ASLB should deny applicant motion & instead adopt listed procedures. Certificate of Svc encl. Related correspondence. ELLIS, J. Citizens Association for Sound Energy. #484 040. 84/11/02. Atomic Safety and Licensing Board Panel. 11pp. 27399:298. 24X Fiche: 50-445, 84/11/02, 8411090265.
- 8411090320 Forwards third motion for summary disposition re lack of independence &/or credibility for CYGNA; statement of matl facts & affidavit of J Doyle. ELLIS, J. Citizens Association for Sound Energy. #484 041. 84/11/02. Docketing & Services Branch. 1p. 27401:001. 24X Fiche: 50-445, 84/11/02, 8411090320.
- 8411090371 Third motion for summary disposition re lack of independence &/or credibility of CYGNA. ELLIS, J. Citizens Association for Sound Energy. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27401:002. 24X Fiche: 50-445, 84/11/02, 8411090320.
- 8411090372 Statement of matl facts as to which there is no genuine issue. * Citizens Association for Sound Energy. 84/11/08. Atomic Safety and Licensing Board Panel. 15pp. 27401:004. 24X Fiche: 50-445, 84/11/02, 8411090320.
- 8411090377 Affidavit of J Doyle re CASE third motion for summary disposition re lack of independence &/or credibility of CYGNA. Fixity of any position taken by CYGNA impossible to determine. Certificate of Svc encl. DOYLE, J. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/10/20. 24pp. 27401:019. 24X Fiche: 50-445, 84/11/02, 8411090320.
- 8411060615 Motion for reconsideration of ASLB 841018 memorandum & order requiring applicant to provide addl detail on individual pipe supports. Certificate of Svc encl. REYNOLDS, N.S., HORIN, W.A. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). REYNOLDS, N.S. Bishop, Liberman, Cook, Purcell & Reynolds. #484 977. 84/11/05. Atomic Safety and Licensing Board Panel. 16pp. 27326:344. 24X Fiche: 50-445, 84/11/05, 8411060615.
- 8411090281 Forwards witness J Doyle affidavit & CASE motions & answer to applicant response to Board request for info re cinching down U-bolts. Related correspondence. ELLIS, J. Citizens Association for Sound Energy. #484 031. 84/11/05. Docketing & Services Branch. 1p. 27401:044. 24X Fiche: 50-445, 84/11/05, 8411090281.
- 8411090293 Motions & answer to applicant 841023 response to Board request for info re cinching down U-bolts. Related correspondence. ELLIS, J. Citizens Association for Sound Energy. 84/11/05. Atomic Safety and Licensing Board Panel. 10pp. 27401:045. 24X Fiche: 50-445, 84/11/05, 8411090281.
- 8411090299 Affidavit of J Doyle constituting CASE answer to applicant response to Board request re cinching down U-bolts. Certificate of Svc encl. Related correspondence. DOYLE, J. Citizens Association for Sound Energy. 84/11/05. 7pp. 27401:055. 24X Fiche: 50-445, 84/11/05, 8411090281.
- 8411090332 Forwards prefiled testimony of JJ Lipinsky, RB Roth, RA Trallo & JJ Norris. J Gallo 841104 brief in support of Lipinsky privilege & affidavit of JJ Lipinsky. Related correspondence. GALLO, J. Isham, Lincoln & Beale. #484 035. 84/11/05. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27398:337. 24X Fiche: 50-445, 84/11/05, 8411090332.
- 8411090339 Testimony of JJ Lipinsky, RB Roth, RA Trallo & JJ Norris re consulting agreement between OB Cannon & Son, Inc & util & Lipinsky memo. Related correspondence. LIPINSKY, J.J., ROTH, R.B., TRALLO, R.A. Oliver B. Cannon & Son, Inc. 84/11/05. 74pp. 27398:338. 24X Fiche: 50-445, 84/11/05, 8411090332.
- 8411090343 Brief in support of Lipinsky privilege. Memorandum & calendar diary notes made by Lipinsky re confidential communications w/ attys fall within atty-client privilege & are not discoverable. Related correspondence. GALLO, J. Oliver B. Cannon & Son, Inc. GALLO, J. Isham, Lincoln & Beale. 84/11/04. 7pp. 27399:050. 24X Fiche: 50-445, 84/11/05, 8411090332.
- 8411090347 Affidavit of JJ Lipinsky re designation of listed author documents as privileged info. Related correspondence. LIPINSKY, J.J. Oliver B. Cannon & Son, Inc. 84/11/05. 3pp. 27399:057. 24X Fiche: 50-445, 84/11/05, 8411090332.
- 8411060601 Forwards affidavit of JC Finneran re correction to affidavit concerning consideration of friction forces. Related correspondence. HORIN, W.A. Bishop, Liberman, Cook, Purcell & Reynolds. HORIN, W.A. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 982. 84/11/06. BLOCH, P.B., JORDAN, W.H., MCCALLOM, K.A. Atomic Safety and Licensing Board Panel. 1p. 27326:337. 24X Fiche: 50-445, 84/11/06, 8411060601.
- 8411060604 Affidavit of JC Finneran re correction to affidavit concerning consideration of friction forces. Related correspondence. FINNERAN, J.C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 982. 84/11/06. 2pp. 27326:338. 24X Fiche: 50-445, 84/11/06, 8411060601.
- 8411070005 Submits change to applicant 841102 reply to CASE partial answer to motion for summary disposition re safety factors. PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 993. 84/11/06. BLOCH, P.B., JOHNSON, E.B., MCCALLOM, K.H. Atomic Safety and Licensing Board Panel. 1p. 27360:056. 24X Fiche: 50-445, 84/11/06, 8411070005.
- 8411070209 Request for extension of deadline until 841108 to file response to ASLB 841102 memorandum. Delay in response due to delay in svc of memorandum. Certificate of Svc encl. HARTFORD, S.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HARTFORD, S.L. Bishop, Liberman, Cook, Purcell & Reynolds. #484 005. 84/11/06. Atomic Safety and Licensing Board Panel. 4pp. 27353:184. 24X Fiche: 50-445, 84/11/06, 8411070209.
- 8411090330 Order advising applicant not to provide info requested by ASLB in 841018 memorandum & order re individual pipe supports. Served on 841108. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 026. 84/11/06. Office of the Executive Legal Director. 3pp. 27400:127. 24X Fiche: 50-445, 84/11/06, 8411090330.

DOCKETED ITEMS

- 8411090255 Memorandum denying applicant 841019 motion to reconsider 841005 order on crossover leg restraints. Served on 841108. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 038. 84/11/07. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27399:211. 24X Fiche: 50-445, 84/11/07, 8411090255.
- 8411090256 Memorandum allowing CASE to amend liner plate allegations on or before 841114. Served on 841108. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 037. 84/11/07. Citizens Association for Sound Energy. 2pp. 27399:255. 24X Fiche: 50-445, 84/11/07, 8411090256.
- 8411090261 Memorandum rejecting applicant request for extension of filing deadline as misleading. Rejection due to omission of important facts re 841102 telcon between B Downey & ASLB. Served on 841108. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 039. 84/11/07. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 1p. 27399:295. 24X Fiche: 50-445, 84/11/07, 8411090261.
- 8411090263 Memorandum directing parties to comment on necessity for CYGNA Phase IV matters in proceeding by 841207 & order denying applicant 841005 motions to set schedule for briefs addressing CYGNA Phase III issues. Served on 841108. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 036. 84/11/07. Office of the Executive Legal Director. 2pp. 27399:296. 24X Fiche: 50-445, 84/11/07, 8411090263.
- 8411090277 Renewal request for extension of filing deadline to discuss matters re appropriateness of counsel dictating draft testimony. Certificate of Svc encl. Related correspondence. HARTMAN, S.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HARTMAN, S.L. Bishop, Liberman, Cook, Purcell & Reynolds. #484 027. 84/11/07. Atomic Safety and Licensing Board Panel. 4pp. 27399:198. 24X Fiche: 50-445, 84/11/07, 8411090277.
- 8411090333 Memorandum in support of privilege for mats prepared in anticipation of litigation. Certificate of Svc encl. Related correspondence. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. #484 025. 84/11/07. 7pp. 27400:341. 24X Fiche: 50-445, 84/11/07, 8411090333.
- 8411130249 Forwards J Cole 820616, 0914 & 1021 counselling & guidance repts, 820813 employee performance & salary review & 821021 termination interview, per ASLB 841101 order. Certificate of Svc encl. Related correspondence. WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 069. 84/11/07. ROISMAN, A.Z. Trial Lawyers for Public Justice. 10pp. 27440:088. 24X Fiche: 50-445, 84/11/07, 8411130249.
- 8411090304 Forwards correction to applicant 841001 response opposing CASE motion for sanction. Related correspondence. WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 042. 84/11/08. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27400:037. 24X Fiche: 50-445, 84/11/08, 8411090304.
- 8411090313 Correction to applicant 841001 response opposing CASE motion for sanction. Counsel dictated questions & Brandt dictated answers. Certificate of Svc encl. Related correspondence. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. 84/11/08. 3pp. 27400:038. 24X Fiche: 50-445, 84/11/08, 8411090304.
- 8411130590 Forwards addl documents falling within purview of ASLB subpoenas. Submission completes list of all known documents required by subpoenas. Related correspondence. GALLO, J. Isham, Lincoln & Beale. GALLO, J. Oliver B. Cannon & Son, Inc. #484 100. 84/11/08. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 67pp. 27458:105. 24X Fiche: 50-445, 84/11/08, 8411130590.
- 8411130103 Rept re academic expert AP Boreli. Certificate of Svc encl. Related correspondence. REYNOLDS, N.S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). REYNOLDS, N.S. Bishop, Liberman, Cook, Purcell & Reynolds. #484 067. 84/11/09. 40pp. 27439:107. 24X Fiche: 50-445, 84/11/09, 8411130103.
- 8411130588 Memorandum stating that applicant will not provide added assurance that response technically & carefully considered unless AP Boreli submits testimony detailing depth of review. Served on 841113. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 101. 84/11/09. 1p. 27458:227. 24X Fiche: 50-445, 84/11/09, 8411130588.
- 8411130649 Memorandum & order that applicant file deficiency paper re termination paper for J Cole by 841121. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 102. 84/11/09. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27458:319. 24X Fiche: 50-445, 84/11/09, 8411130649.
- 8411130717 Memorandum providing official notice re transcript of R Camp testimony concerning pipe supports at 841023 meeting w/ util & NRC/TRT. Parties may submit corrections within 10 days. Served on 841113. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 088. 84/11/09. 2pp. 27458:179. 24X Fiche: 50-445, 84/11/09, 8411130717.
- 8411130719 Responds to ASLB 841024 memorandum requesting raw data re cinching down U-bolts. JC Finneran affidavit encl. Related correspondence. PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. #484 086. 84/11/09. 1p. 27458:181. 24X Fiche: 50-445, 84/11/09, 8411130719.
- 8411130722 Affidavit of JC Finneran re info concerning cinching down U-bolts. Related correspondence. FINNERAN, J.C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/09. 17pp. 27458:182. 24X Fiche: 50-445, 84/11/09, 8411130719.
- 8411130725 Responds to ASLB 841029 memorandum requesting addl info re in-process weld repair hold point. ASLB 841011 request unclear. WE Baker affidavit & Certificate of Svc encl. Related correspondence. PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. 84/11/09. 6pp. 27458:199. 24X Fiche: 50-445, 84/11/09, 8411130719.
- 8411130726 Affidavit of WE Baker, responding to ASLB 841029 memorandum requesting addl info re in-process weld repair hold point. Related correspondence. BAKER, W.E. Brown & Root, Inc. (subs. of Halliburton Co.). 84/11/09. 6pp. 27458:205. 24X Fiche: 50-445, 84/11/09, 8411130719.
- 8411140115 Confirms 841108 discussion re documents produced under cover of author 841108 ltr. Lipinsky weekly activity summaries sanitized to exclude unrelated matters. Related correspondence. GALLO, J. Isham, Lincoln & Beale. GALLO, J. Oliver B. Cannon & Son, Inc. #484 116. 84/11/09. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27464:286. 24X Fiche: 50-445, 84/11/09, 8411140115.
- 8411140001 Responds to CASE 840813 answer to 840518 motion for summary disposition of allegations re section property values. Answer fails to demonstrate existence of genuine issue re matl facts. JC Finneran affidavit encl. Related correspondence. PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. #484 087. 84/11/12. Atomic Safety and Licensing Board Panel. 3pp. 27467:070. 24X Fiche: 50-445, 84/11/12, 8411140001.
- 8411140003 Affidavit of JC Finneran, responding to CASE answer to applicants motion re section property values. Certificate of Svc encl. FINNERAN, J.C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/09. 14pp. 27467:073. 24X Fiche: 50-445, 84/11/12, 8411140001.
- 8411140482 Forwards cassettes containing recorded conversations of 831110 & 11 meetings between util & OB Cannon & Son, Inc. per 841018 ltr. Tapes understood to form basis for final transcript of meeting. W/o encl. Related correspondence. GALLO, J. Isham, Lincoln & Beale. GALLO, J. Oliver B. Cannon & Son, Inc. #484 124. 84/11/13. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27491:001. 24X Fiche: 50-445, 84/11/13, 8411140482.
- 8411200148 Applicant response to CASE 841006 motion & offer of proof concerning CASE first motion for summary disposition re certain aspects of implementation of applicant design & GA/GC for design. Certificate of Svc encl. REYNOLDS, N.S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). REYNOLDS, N.S. Bishop, Liberman, Cook, Purcell & Reynolds. #484 125. 84/11/13. Atomic Safety and Licensing Board Panel. 13pp. 27579:245. 24X Fiche: 50-445, 84/11/13, 8411200148.
- 8411150305 Responds to OB Cannon & Son 841105 brief supporting atty-client privilege re withholding documents authored by JJ Lipinsky. Certificate of Svc encl. BERRY, G.A. Hearing Branch 1. #484 139. 84/11/14. 5pp. 27528:126. 24X Fiche: 50-445, 84/11/14, 8411150305.

DOCKETED ITEMS

281

841190099 Ack receipt of 841109 memo re pipe supports, inviting correction of portion of 841023 transcript concerning preoperational testing. Clarification of concern requested. REYNOLDS, N. S. Bishop, Liberman, Cook, Purcell & Reynolds. REYNOLDS, N. S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 162. 84/11/14. BLOCH, P. B., JOHNSON, E. B., MCCOLLUM, K. A. Atomic Safety and Licensing Board Panel. 1p. 27554:336. 24X Fiche: 50-445, 84/11/14, 841190099.

841190473 Provides clarification of factual background leading to atty/client relationship between Lipinsky & Reynolds & Watkins. Related correspondence. GALLO, J. Isham, Lincoln & Beale. #484 167. 84/11/14. ROISMAN, A. Trial Lawyers for Public Justice. 2pp. 27553:033. 24X Fiche: 50-445, 84/11/14, 841190473.

841190504 Memorandum in opposition to Lipinsky claim of atty/client privilege. Facts indicate no such relationship existed between Lipinsky & counsel for applicants based on adversarial position. Certificate of Svc encl. ROISMAN, A. Z. Citizens Association for Sound Energy. ROISMAN, A. Z. Trial Lawyers for Public Justice. #484 155. 84/11/14. Atomic Safety and Licensing Board Panel. 12pp. 27550:108. 24X Fiche: 50-445, 84/11/14, 841190504.

841190193 Motion to modify ASLB 841004 order to limit witnesses to Norris only or permit Roth to sit at counsel table during Trallo testimony. Certificate of Svc encl. Related correspondence. GALLO, J. Oliver B. Cannon & Son, Inc. GALLO, J. Isham, Lincoln & Beale. #484 180. 84/11/15. Atomic Safety and Licensing Board Panel. 6pp. 27552:255. 24X Fiche: 50-445, 84/11/15, 841190193.

841190254 Motion to continue conference & to require intervenor to file motion in writing. Certificate of Svc encl. REYNOLDS, N. S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). REYNOLDS, N. S. Bishop, Liberman, Cook, Purcell & Reynolds. #484 161. 84/11/15. Atomic Safety and Licensing Board Panel. 6pp. 27551:232. 24X Fiche: 50-445, 84/11/15, 841190254.

841190277 Response to CASE answer to & motions re applicant motion to set schedule for briefs addressing CYGNA Phase 3 issues. Certificate of Svc encl. MIZUNO, O. S. Hearing Branch 1. #484 169. 84/11/15. Atomic Safety and Licensing Board Panel. 6pp. 27553:335. 24X Fiche: 50-445, 84/11/15, 841190277.

841190454 Further evidence of GC breakdown in const, installation & insp of stainless steel liner plate. Condition of entire structure indeterminate due to applicant inability to produce adequate explanations. Certificate of Svc encl. ROISMAN, A. Z. Citizens Association for Sound Energy. ROISMAN, A. Z. Trial Lawyers for Public Justice. #484 157. 84/11/15. 39pp. 27553:036. 24X Fiche: 50-445, 84/11/15, 841190454.

8411200231 Informs that no conflict of interest exists w/respect to representation of Lipinsky vis-a-vis concurrent representation of Norris & OB Cannon & Son, Inc. per Roisman objection. Related correspondence. GALLO, J. Isham, Lincoln & Beale. GALLO, J. Oliver B. Cannon & Son, Inc. #484 214. 84/11/15. BLOCH, P. B., GROSSMAN, H., JORDAN, W. H. Atomic Safety and Licensing Board Panel. 3pp. 27578:160. 24X Fiche: 50-445, 84/11/15, 8411200231.

8411200240 Motion for reconsideration of ASLB 841031 memorandum re multiple filings. Certificate of Svc encl. ELLIS, J. Citizens Association for Sound Energy. #484 204. 84/11/15. Atomic Safety and Licensing Board Panel. 26pp. 27577:222. 24X Fiche: 50-445, 84/11/15, 8411200240.

8411200007 Requests that ASLB authorize counsel for OB Cannon & Son, Inc to delete three sentences identified from documents to be presented to parties & ASLB re trial preparation matls. Related correspondence. WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 194. 84/11/16. BLOCH, P. B., GROSSMAN, H., JORDAN, W. H. Atomic Safety and Licensing Board Panel. 2pp. 27578:049. 24X Fiche: 50-445, 84/11/16, 8411200007.

8411200196 Order staying ASLB 841116 order re Lipinsky privileges pending further order by ASLAB. Served on 841119. SHOENAKER, C. J. Atomic Safety and Licensing Appeal Panel. #484 223. 84/11/16. ROSENTHAL, A. S., JOHNSON, W. R., MOORE, T. S. Atomic Safety and Licensing Appeal Panel. 1p. 27577:010. 24X Fiche: 50-445, 84/11/16, 8411200196.

8411200203 Memorandum re Lipinsky privileges & order designating Documents 12, 13 & 14 in util 841018 ltr as privileged info. In all other respects, privilege asserted by OB Cannon or applicant denied. Served on 841119. BLOCH, P. B. Atomic Safety and Licensing Board Panel. #484 212. 84/11/16. Oliver B. Cannon & Son, Inc. 20pp. 27579:225. 24X Fiche: 50-445, 84/11/16, 8411200203.

8411200206 Reply to CASE 840926 answer to applicant 840411 response to partial initial decision re A500 steel. CASE failed to prove existence of genuine issue. Certificate of Svc encl. HORIN, W. A. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HORIN, W. A. Bishop, Liberman, Cook, Purcell & Reynolds. #484 185. 84/11/16. Atomic Safety and Licensing Board Panel. 48pp. 27577:137. 24X Fiche: 50-445, 84/11/16, 8411200206.

8411200317 Forwards documents identified in Items 1 through 11 & document identified in Item 15, per ASLB 841116 memo re Lipinsky privileges. ASLB memo exempted Items 12, 13 & 14 from discovery. Related correspondence. WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 183. 84/11/17. BLOCH, P. B., GROSSMAN, H., JORDAN, W. H. Atomic Safety and Licensing Board Panel. 23pp. 27571:262. 24X Fiche: 50-445, 84/11/17, 8411200317.

--8411200323 Affidavit of JJ Lipinsky concerning Trip Rept Job H8301 re coatings program. Related correspondence. LIPINSKY, J. J. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). LIPINSKY, J. J. Oliver B. Cannon & Son, Inc. 84/02/13. 10pp. 27571:285. 24X Fiche: 50-445, 84/11/17, 8411200317.

8411200200 Motion for reconsideration of 841109 memorandum (deficiency paper: J Cole). Memorandum addresses matter beyond scope of proceeding & should be vacated. Certificate of Svc encl. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. #484 222. 84/11/19. Atomic Safety and Licensing Board Panel. 5pp. 27577:121. 24X Fiche: 50-445, 84/11/19, 8411200200.

8411200263 Order vacating 841116 order granting emergency stay of order re "Lipinsky Privileges." Served on 841119. SHOENAKER, C. J. Atomic Safety and Licensing Appeal Panel. #484 236. 84/11/19. 1p. 27576:341. 24X Fiche: 50-445, 84/11/19, 8411200263.

8411200276 Memorandum advising that util may respond to CASE 841006 first motion for summary disposition re design & GA/GC for design by 841221. Served on 841119. BLOCH, P. B. Atomic Safety and Licensing Board Panel. #484 232. 84/11/19. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27571:313. 24X Fiche: 50-445, 84/11/19, 8411200276.

8411270189 Reply to CASE 841105 motion concerning info re cinching down U-bolts. Denial of CASE motion requested. PHILIPS, M. H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). PHILIPS, M. H. Bishop, Liberman, Cook, Purcell & Reynolds. #484 243. 84/11/19. Atomic Safety and Licensing Board Panel. 11pp. 27629:112. 24X Fiche: 50-445, 84/11/19, 8411270189.

--8411270196 Affidavit of JC Finneran re CASE 841105 motion concerning sampling of cinched down U-bolts. Torques recorded in Unit 2 U-bolts representative of torques recorded in Unit 1 & common U-bolts. Certificate of Svc encl. FINNERAN, J. C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/19. 6pp. 27629:123. 24X Fiche: 50-445, 84/11/19, 8411270189.

8411290398 Forwards complete & unexpurgated copies of three diary entries previously withheld, 841119 ltr advising ASLAB of action & motion for stay pending appeal. GALLO, J. Isham, Lincoln & Beale. #484 336. 84/11/19. BLOCH, P. B., GROSSMAN, H., JORDAN, W. H. Atomic Safety and Licensing Board Panel. 6pp. 27676:145. 24X Fiche: 50-445, 84/11/19, 8411290398.

--8411290406 Withdraws 841117 motion for stay pending appeal based on JJ Lipinsky 841118 decision to waive privilege to protect remaining documents from disclosure. GALLO, J. Isham, Lincoln & Beale. 84/11/19. ROSENTHAL, A. S., MOORE, T. S., JOHNSON, W. R. Atomic Safety and Licensing Appeal Panel. 2pp. 27676:151. 24X Fiche: 50-445, 84/11/19, 8411290398.

--8411290408 Motion for stay pending appeal of ASLB 841116 memorandum denying assertions of privilege w/respect to certain documents falling within ambit of ASLB 841004 subpoenas duces tecum. Certificate of Svc encl. GALLO, J. Isham, Lincoln & Beale. 84/11/17. Atomic Safety and Licensing Appeal Panel. 12pp. 27676:153. 24X Fiche: 50-445, 84/11/19, 8411290398.

--8411290409 Affidavit of JJ Lipinsky instructing J Gallo to assert privilege in connection w/request for production. LIPINSKY, J. J. Affiliation Not Assigned. 84/11/03. 9pp. 27676:165. 24X Fiche: 50-445, 84/11/19, 8411290398.

8411210424 Interrogatories & request for production of documents re liner plate. Certificate of Svc encl. Related correspondence. HARTMAN, S. L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HARTMAN, S. L. Bishop, Liberman, Cook, Purcell & Reynolds. #484 297. 84/11/20. Citizens Association for Sound Energy. 7pp. 27600:120. 24X Fiche: 50-445, 84/11/20, 8411210424.

DOCKETED ITEMS

- 8411260004 Forwards five documents re EG&G rept formerly withheld, per CASE motion to compel production of documents from NRC staff. NRC elected not to interpose privilege claims. Related correspondence.
TREBY, S. A. Hearing Branch 1. #484 264. 84/11/20. ROISMAN, A. Z. Trial Lawyers for Public Justice. 14pp. 27613:144. 24X Fiche: 50-445, 84/11/20, 8411260004.
- 8411260098 Response to CASE third motion for summary disposition re lack of independence &/or credibility of CYGNA. Consideration of motions of CYGNA Phase 1 & 2 rept should be denied until safety evaluation filed. Certificate of Svc encl.
BACHMANN, R. G., MIZUNO, G. S. Hearing Branch 1. #484 267. 84/11/20. Atomic Safety and Licensing Board Panel. 9pp. 27616:334. 24X Fiche: 50-445, 84/11/20, 8411260098.
- 8411270348 Forwards affidavit of witness J Doyle which was attached to fourth round response to applicant reply to CASE answer to applicant motion for summary disposition re upper lateral restraint beam.
ELLIS, J. Citizens Association for Sound Energy. #484 285. 84/11/20. Docketing & Services Branch. 1p. 27629:040. 24X Fiche: 50-445, 84/11/20, 8411270348.
- 8411270352 Fourth round response to applicant reply to CASE answer to applicant motion for summary disposition re upper lateral restraint beam.
ELLIS, J. Citizens Association for Sound Energy. 84/11/20. Atomic Safety and Licensing Board Panel. 6pp. 27629:041. 24X Fiche: 50-445, 84/11/20, 8411270348.
- 8411270353 Affidavit of CASE witness J Doyle supporting fourth round response to applicant reply to CASE answer to applicant motion for summary disposition re upper lateral restraint beam. Certificate of Svc encl.
DOYLE, J. Citizens Association for Sound Energy. 84/11/20. 23pp. 27629:047. 24X Fiche: 50-445, 84/11/20, 8411270348.
- 8411270412 Requests delay in responding to applicant third round responses until ASLB rules on 841115 motion for reconsideration so CASE can determine depth & specificity of response.
ELLIS, J. Citizens Association for Sound Energy. #484 286. 84/11/20. BLOCH, P. B., JORDAN, W. H., MCCOLLUM, K. A. Atomic Safety and Licensing Board Panel. 1p. 27628:194. 24X Fiche: 50-445, 84/11/20, 8411270412.
- 8411260012 Statement re reasons util did not file J Cole deficiency paper, per ASLB 841109 memorandum. Certificate of Svc encl.
WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. #484 273. 84/11/23. Atomic Safety and Licensing Board Panel. 4pp. 27613:288. 24X Fiche: 50-445, 84/11/23, 8411260012.
- 8411280269 Motion to vacate ASLB 841116 memorandum re Lipinsky privileges, on grounds that memorandum in error & should not be part of record. Record contradicts ASLB findings which denied atty-client privilege. Certificate of Svc encl.
KNUTTS, J. B. Bishop, Liberman, Cook, Purcell & Reynolds. #484 312. 84/11/26. Atomic Safety and Licensing Board Panel. 16pp. 27666:340. 24X Fiche: 50-445, 84/11/26, 8411280269.
- 8411290348 Responds to 841011-12 ltrs to Commission re CASE & GAP comments on OL application proceedings. NRC efforts to assure that facilities designed, constructed properly & will operate safely supported.
SPENCE, M. D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 338. 84/11/26. PALLADINO, N. J., ASSELSTINE, J. K., BERNTHAL, F. M. Commissioners. 3pp. 27676:280. 24X Fiche: 50-445, 84/11/26, 8411290348.
- 8411290304 Forwards Rev 1 to program plan & issue-specific action plans. Related correspondence.
REYNOLDS, N. S. Bishop, Liberman, Cook, Purcell & Reynolds. REYNOLDS, N. S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 320. 84/11/27. BLOCH, P. B., MCCOLLUM, K. A., JORDAN, W. H. Atomic Safety and Licensing Board Panel. 1p. 27678:019. 24X Fiche: 50-445, 84/11/27, 8411290304.
- 8411290334 Index of documents authorized by JJ Lipinsky to be introduced into evidence. Certificate of Svc encl. Related correspondence.
ROISMAN, A. Z. Citizens Association for Sound Energy. ROISMAN, A. Z. Trial Lawyers for Public Justice. #484 321. 84/11/27. 6pp. 27676:283. 24X Fiche: 50-445, 84/11/27, 8411290334.
- 8411290341 Forwards original signature page of affidavit of JC Finneran re CASE answer concerning A500 steel sent on 841116. Related correspondence.
HORIN, W. A. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HORIN, W. A. Bishop, Liberman, Cook, Purcell & Reynolds. #484 323. 84/11/27. CLEMENTS, W. L. Docketing & Services Branch. 2pp. 27676:069. 24X Fiche: 50-445, 84/11/27, 8411290341.
- 8411290358 Answer to CASE 841102 third motion for summary disposition re lack of independence &/or credibility of CYGNA. Motion should be denied or dismissed. Certificate of Svc encl.
REYNOLDS, N. S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). REYNOLDS, N. S. Bishop, Liberman, Cook, Purcell & Reynolds. #484 324. 84/11/27. Atomic Safety and Licensing Board Panel. 10pp. 27676:270. 24X Fiche: 50-445, 84/11/27, 8411290358.
- 8411290371 Forwards signature pages of WE Baker affidavit attached to 841109 response to Board request for addl info re weld repair hold point & JC Finneran affidavit on CASE 841119 motion re U-bolts. Related correspondence.
PHILIPS, M. H. Bishop, Liberman, Cook, Purcell & Reynolds. PHILIPS, M. H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 329. 84/11/27. CLEMENTS, W. L. Docketing & Services Branch. 1p. 27676:174. 24X Fiche: 50-445, 84/11/27, 8411290371.
- 8411290381 Signature page of WE Baker affidavit re in-process weld repair hold point. Related correspondence.
BAKER, W. E. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/09. 1p. 27676:175. 24X Fiche: 50-445, 84/11/27, 8411290371.
- 8411290387 Signature page of JC Finneran affidavit re cinching down U-bolts. Related correspondence.
FINNERAN, J. C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/19. 1p. 27676:176. 24X Fiche: 50-445, 84/11/27, 8411290371.
- 8411290375 Responds to ASLB 841102 memorandum & order re relevance of parts of OFC of Investigation repts listed in Board Notification 84-149 to licensing procedure. VS Noonan affidavit encl. Related correspondence.
BERRY, G. A. Hearing Branch 1. #484 340. 84/11/27. BLOCH, P. B., JORDAN, W. H., GROSSMAN, H. Atomic Safety and Licensing Board Panel. 2pp. 27676:177. 24X Fiche: 50-445, 84/11/27, 8411290375.
- 8411290392 Affidavit of VS Noonan re relevance of OFC of Investigation Rept 04-83-026 & 840207 suppl to licensing procedure. Related correspondence.
NOONAN, V. S. Comanche Peak Technical Review Team. 84/11/26. 2pp. 27676:179. 24X Fiche: 50-445, 84/11/27, 8411290375.
- 8411290352 Requests approval of encl executed protective agreements between CASE & Westinghouse & CASE & ITT Grinnell Corp re mats considered proprietary to companies provided to CASE. Related correspondence.
HORIN, W. A. Bishop, Liberman, Cook, Purcell & Reynolds. HORIN, W. A. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 334. 84/11/28. BLOCH, P. B., MCCOLLUM, K. A., JORDAN, W. H. Atomic Safety and Licensing Board Panel. 1p. 27676:060. 24X Fiche: 50-445, 84/11/28, 8411290352.
- 8411290365 Stipulation re certain mats considered proprietary by Westinghouse provided to CASE re util motion for summary disposition concerning design GA. Related correspondence.
ELLIS, J., BOLTZ, B. Citizens Association for Sound Energy. * Westinghouse Electric Corp. 84/10/21. 4pp. 27676:061. 24X Fiche: 50-445, 84/11/28, 8411290352.
- 8411290373 Stipulation re certain mats considered proprietary by ITT Grinnell Corp provided to CASE re util motion for summary disposition concerning design GA. Related correspondence.
ELLIS, J., BOLTZ, B. Citizens Association for Sound Energy. MCKENNEY, R. ITT Grinnell Corp. (subs. of ITT Corp.). 84/10/21. 4pp. 27676:065. 24X Fiche: 50-445, 84/11/28, 8411290352.

K. Utility Final Safety Analysis Report (FSAR) & amends

8411150056 Forwards Amend 53 to FSAR for Comanche Peak Steam Electric Station.
CLEMENTS, B. R. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/12. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27510:001. 24X Fiche: 50-445, 84/11/12, 8411150056.

--8411150066 Amend 53 to FSAR for Comanche Peak Steam Electric Station.
* Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/05. 40pp. 27510:005. 24X Fiche: 50-445, 84/11/12, 8411150056.

G. Inspection reports, IE Bulletins & correspondence

8411260277 Forwards Rev 0 to DC-3, "Cable Tray Support Design Review Criteria" & Rev 1 to TR-3501-1, "Generic Response to NRC IE Bulletin 79-02 Base Plate/Concrete Expansion Anchor Bolts," in response to 840417 request. W/o encl.
OLDAG, D. CYGNA Energy Services. 84/04/18. ELLIS, J. Citizens Association for Sound Energy. 4pp. 27615:112. 24X Fiche: 50-445, 84/04/18, 8411260277.

DOCKETED ITEMS

283

8411020375 Forwards Insp Rept 50-445/84-30 on 840807-10. No violations noted.
BANGART, R.L. Region 4, Office of Director. 84/09/18. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27274:172. 24X Fiche: 50-445, 84/09/18, 8411020375.

--8411020378 Insp Rept 50-445/84-30 on 840807-10. No violations noted. Major areas inspected: matl control & accounting of SNM. Details withheld (ref 10CFR73.21).
CADDWELL, R.A., HALL, R.E., HUNNICUTT, D.M. Region 4, Office of Director. 84/09/17. 1p. 27274:174. 24X Fiche: 50-445, 84/09/18, 8411020375.

8411130488 Forwards Insp Rept 50-445/84-27 on 840806-10. No violations or deviations noted.
BANGART, R.L. Region 4, Office of Director. 84/10/10. SPENCER, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27462:341. 24X Fiche: 50-445, 84/10/10, 8411130488.

--8411130491 Insp Rept 50-445/84-27 on 840806-10. No violations or deviations noted. Major areas inspected: Apps A & B items identified during 830926-1007 emergency preparedness appraisal.
MONTGOMERY, J.L., BAIRD, J.B., HUNNICUTT, D.M. Region 4, Office of Director. 84/09/17. 6pp. 27462:343. 24X Fiche: 50-445, 84/10/10, 8411130488.

8411060513 Forwards Insp Repts 50-445/84-22 & 50-446/84-07 on 840519-0721 & notice of violation.
BANGART, R.L. Region 4, Office of Director. 84/10/11. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27350:339. 24X Fiche: 50-445, 84/10/11, 8411060513.

--8411060522 Notice of violation from insp on 840519-0721.
* Region 4, Office of Director. 84/10/11. 3pp. 27350:341. 24X Fiche: 50-445, 84/10/11, 8411060513.

--8411060525 Insp Repts 50-445/84-22 & 50-446/84-07 on 840519-0721. Violations noted: failure to maintain positive pressure on electrical penetrations & failure to document as-built configuration of seismic shock suppressor.
CUMMINS, J.E., PHILLIPS, H.S., HUNNICUTT, D.M. Region 4, Office of Director. 84/10/02. 18pp. 27350:344. 24X Fiche: 50-445, 84/10/11, 8411060513.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/03. Consolidated Edison Co. of New York, Inc. 116pp. 27417:139. 24X Fiche: 50-000, 84/11/03, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411290102 Forwards SSERs on acceptability of ASME Code relief requests re preservice insp program. Program acceptable. Relief allowed from requirements deemed impractical to implement, per 10CFR50.55a(a)(2).
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/13. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27692:173. 24X Fiche: 50-445, 84/11/13, 8411290102.

--8411290109 SSER re applicant request for relief from ASME Code Section XI requirements deemed impractical to perform. Relief granted, per 10CFR50.55a(a)(2). Preservice insp program acceptable.
* Materials Engineering Branch. 84/11/13. 12pp. 27692:177. 24X Fiche: 50-445, 84/11/13, 8411290102.

--8411290115 SSER re preservice insp relief request evaluation. Public interest not served by imposing provisions of Section XI of ASME Code deemed impractical. Relief granted.
* NRC - No Detailed Affiliation Given. 84/11/13. 30pp. 27692:189. 24X Fiche: 50-445, 84/11/13, 8411290102.

8411280409 Forwards interim evaluation rept re emergency response capability conformance w/Reg Guide 1.97, Rev 2, prepared by EQ&G Idaho. Rept addresses info provided in util 820630, 830415, 1024 & 840626 ltrs. per SSER 4 (NUREG-0797).
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/15. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 1p. 27683:341. 24X Fiche: 50-445, 84/11/15, 8411280409.

--8411280421 Forwards SSER re acceptability of ASME Code relief requests concerning preservice insp program & findings re ability to perform ultrasonic exam of cast stainless steel piping welds.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/13. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 3pp. 27683:342. 24X Fiche: 50-445, 84/11/13, 8411280409.

--8411280427 SSER re RCPB inservice insp & testing & evaluation of compliance w/10CFR50.55a(g).
* Materials Engineering Branch. 84/11/13. 12pp. 27683:345. 24X Fiche: 50-445, 84/11/13, 8411280409.

--8411280432 SSER re evaluation of preservice insp relief request, per applicant 821007, 830310, 0306, 1108 & 840829 ltrs. Relief should be granted.
* Materials Engineering Branch. 84/11/13. 1p. 27683:357. 24X Fiche: 50-445, 84/11/13, 8411280409.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411260381 Advises that Insp Rept 50-445/84-28 canceled. Rept number will not be used.
HUNTER, D.R. Region 4, Office of Director. 84/11/19. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 1p. 27609:314. 24X Fiche: 50-445, 84/11/19, 8411260381.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

8411050470 Amended response to Significant Deficiency Rept SDAR-142 submitted on 840928 re unqualified Limitorque electric motors. Correct ref for block is CP-84-18.
CLEMENTS, B.R. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/10/18. HUNTER, D.R. Region 4, Office of Director. 1p. 27327:362. 24X Fiche: 50-445, 84/10/18, 8411050470.

8411060909 Provides addl info re reactor coolant thermal barrier ruptures to clarify author 841009 comparison of Cygna concerns & Westinghouse Part 21 rept on Westinghouse designed closed cooling water sys.
WILLIAMS, N.H. CYGNA Energy Services. 84/10/22. BURWELL, S. NRC - No Detailed Affiliation Given. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 3pp. 27311:360. 24X Fiche: 50-445, 84/10/22, 8411060909.

8411130642 Interim Deficiency Rept SDAR-136 re temp envelope requirements on environ qualification of equipment outside containment for high energy line breaks. Initially reported on 840604. Next rept will be submitted by 850401.
CLEMENTS, B.R. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/10/31. HUNTER, D.R. Region 4, Office of Director. 1p. 27462:044. 24X Fiche: 50-445, 84/10/31, 8411130642.

DOCKETED ITEMS

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept. "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."

RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 8411140052.

8411160609 Interim Deficiency Rept SDAR-157 re defective architectural wall located above control room. Wall being removed. Seismic design const & insp activities for new separation wall scheduled for completion by 841215.

CLEMENTS, B.R. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/05. HUNTER, D.R. Region 4, Office of Director. 2pp. 27545:017. 24X Fiche: 50-445, 84/11/05, 8411160609.

8411160617 Final Deficiency Rept SDAR-146 re design of primary coolant & component cooling water sys. Initially reported on 840824. Item not reportable under 10CFR50.35(e).

CLEMENTS, B.R. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/05. HUNTER, D.R. Region 4, Office of Director. 1p. 27545:013. 24X Fiche: 50-445, 84/11/05, 8411160617.

8411160619 Interim Deficiency Rept SDAR-154 re safe shutdown analysis evaluations which did not consider effects of potential fire on control room HVAC. All essential cables & components afforded protection, per 10CFR50, App R, Section III, G.2.c.

CLEMENTS, B.R. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/05. HUNTER, D.R. Region 4, Office of Director. 2pp. 27544:361. 24X Fiche: 50-445, 84/11/05, 8411160619.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.

RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.

RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

8411140344 Forwards revised Page 5-4 of 840312 rept. "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."

RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 8411140344.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.

HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.

RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 8411150011.

8411210222 Deficiency Rept SDAR-147 re Conax penetration connectors. Location continuing. Next rept

(formerly Texas Utilities Region 4, Office of 5, 84/11/08, 8411210222.

--# Actions to

ast

11/16.

Investigation of types AN & AH Piston Skirts. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/17. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2p. 27478:216. 24X Fiche: 50-000, 84/11/17, 8411290194.

1p.

T. Hearing transcripts on non-antitrust matters

8411020204 Board Notification 84-174: follows up on Board Notification 84-160 & summarizes 841019 meeting w/util re applicant 841008 plan for resolution of NRC requests for addl info re electrical & instrumentation program.

EISENHUT, D.G. Division of Licensing. 84/10/26. BLOCH, P., JORDAN, W., MCCOLLUM, K. Atomic Safety and Licensing Board Panel. 3pp. 27400:137. 24X Fiche: 50-445, 84/10/26, 8411020204.

--8411090313 Transcript of 841019 meeting in Bethesda, MD re util response to technical review team 841018 review. Pp 1-130.

* NRC - No Detailed Affiliation Given. 84/10/19. 200pp. 27400:143. 24X Fiche: 50-445, 84/10/26, 8411020204.

8411150278 Summary of 841019 meeting w/util in Bethesda, MD re resolution of requests for addl info from Technical Review Team effort described in 840919 ltr. Transcript of meeting encl.

VIETTI, A. Comanche Peak Technical Review Team. 84/10/26. Division of Licensing. 3pp. 27530:068. 24X Fiche: 50-445, 84/10/26, 8411150278.

8411140508 Summary of 841023 meeting w/util. Govt Accountability Project/CASE, Dallas Morning News, Dallas Times Herald & TERA Corp in Bethesda, MD re applicant 841008 plan for resolution of NRC requests for addl info. Transcript of meeting encl.

VIETTI, A. Division of Licensing. 84/11/01. Division of Licensing. 3pp. 27527:269. 24X Fiche: 50-445, 84/11/01, 8411140508.

8411070108 Board Notification 84-173: summarizes 841023 meeting w/util to discuss 841008 plan for resolution of technical review team 840918 requests for addl info re electrical, instrumentation, civil/structural & test programs.

EISENHUT, D.G. Division of Licensing. 84/11/02. BLOCH, P., Consolidated Edison Co. of New York, Inc. JORDAN, W., MCCOLLUM, K. Atomic Safety and Licensing Board Panel. 3pp. 27425:268. 24X Fiche: 50-445, 84/11/02, 8411070108.

--8411120279 Forwards transcript of 841023 meeting w/util to discuss plan for resolution of technical review team 840918 requests for addl info.

VIETTI, A. Division of Licensing. 84/11/01. Division of Licensing. 1p. 27425:271. 24X Fiche: 50-445, 84/11/02, 8411070108.

--8411120287 Transcript of 841023 meeting w/util & technical review team in Bethesda, MD re 841008 plan for resolution of technical review team 840918 requests for addl info re electrical, instrumentation, civil/structural & test programs. Pp 1-99.

* NRC - No Detailed Affiliation Given. 84/10/23. 173pp. 27425:274. 24X Fiche: 50-445, 84/11/02, 8411070108.

8411090332 Forwards prefired testimony of JJ Lipinsky, RB Roth, RA Trallo & JJ Norris. J Gallo 841104 brief in support of Lipinsky privilege & affidavit of JJ Lipinsky. Related correspondence.

GALLO, J. Isham, Lincoln & Beale. #484 035. 84/11/05. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27398:337. 24X Fiche: 50-445, 84/11/05, 8411090332.

--8411090339 Testimony of JJ Lipinsky, RB Roth, RA Trallo & JJ Norris re consulting agreement between OB Cannon & Son, Inc & util & Lipinsky memo. Related correspondence.

LIPINSKY, J.J., ROTH, R.B., TRALLO, R.A. Oliver B. Cannon & Son, Inc. 84/11/05. 74pp. 27398:338. 24X Fiche: 50-445, 84/11/05, 8411090332.

8411090476 Forwards Attachments A-D of Norris testimony in Philadelphia, PA. Attachments inadvertently omitted from 841105 submittal. Certificate of Svc encl. Related correspondence.

GALLO, J. Gallo, J. GALLO, J. Oliver B. Cannon & Son, Inc. #484 054. 84/11/07. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 52pp. 27416:149. 24X Fiche: 50-445, 84/11/07, 8411090476.

8411190264 Transcript of 841115 telephone prehearing conference in Bethesda, MD. Pp 19, 430-19, 482.

* Atomic Safety and Licensing Board Panel. 84/11/15. 52pp. 27531:306. 24X Fiche: 50-445, 84/11/15, 8411190264.

8411210027 Transcript of 841116 telcon prehearing conference in Bethesda, MD. Pp 19, 483-19, 585.

* Atomic Safety and Licensing Board Panel. 84/11/16. 102pp. 27590:182. 24X Fiche: 50-445, 84/11/16, 8411210027.

8411200306 Forwards marked-up testimony of JJ Lipinsky & JJ Norris re protective coatings program. Related correspondence.

WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 184. 84/11/17. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27576:246. 24X Fiche: 50-445, 84/11/17, 8411200306.

DOCKETED ITEMS

285

B411260177 Transcript of B41119 hearing in Bethesda, MD.
Pp 19, 586-17, 846.
* Atomic Safety and Licensing Board Panel. B4/11/19. 260pp.
27614: 210. 24X Fiche: 50-445, B4/11/19, B411260177.

B411280313 Transcript of B41120 hearing in Bethesda, MD.
Pp 19, 847-20, 179.
* Atomic Safety and Licensing Board Panel. B4/11/20. 332pp.
27661: 080. 24X Fiche: 50-445, B4/11/20, B411280313.

B411270320 Prefiled testimony of CT Brandt re CASE further evidence of GC breakdown in const. installation & insp of stainless steel liner plate. Certificate of Svc encl. Related correspondence. BRANDT, C.T. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 291. B4/11/21. 42pp. 27630: 236. 24X Fiche: 50-445, B4/11/21, B411270320.

B411280259 Transcript of B41121 hearing in Bethesda, MD.
Pp 20, 180-20, 450. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. B4/11/21. 272pp.
27666: 046. 24X Fiche: 50-445, B4/11/21, B411280259.

B411280285 Transcript of B41126 hearing in Washington, DC.
Pp 20, 451-20, 774. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. B4/11/26. 320pp.
27667: 343. 24X Fiche: 50-445, B4/11/26, B411280285.

B411290272 Transcript of B41127 hearing in Bethesda, MD.
Pp 20, 775-21, 091. Supporting documentation encl.
* Atomic Safety and Licensing Board Panel. B4/11/27. 317pp.
27678: 297. 24X Fiche: 50-445, B4/11/27, B411290272.

DOCKET 50-446 COMANCHE PEAK STEAM ELECTRIC STATION

A. Application/construction stage documents & correspondence

B411210002 Forwards table providing description of Amend 47 to FSAR dtd B40416.
MARSHALL, J. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). B4/04/18. BURWELL, S.B. Office of Nuclear Reactor Regulation, Director. 3pp. 27591: 326. 24X Fiche: 50-445, B4/04/18, B411210002.

B411260277 Forwards Rev 0 to DC-3, "Cable Tray Support Design Review Criteria" & Rev 1 to TR-3501-1, "Generic Response to NRC IE Bulletin 79-02 Base Plate/Concrete Expansion Anchor Bolts," in response to B40417 request. W/o encl. OLDAO, D. CYGNA Energy Services. B4/04/18. ELLIS, J. Citizens Association for Sound Energy. 4pp. 27615: 112. 24X Fiche: 50-445, B4/04/18, B411260277.

B411260410 Forwards telcon repts associated w/Phase 4 of independent assessment program & program plan document.
WILLIAMS, N.H. CYGNA Energy Services. B4/05/22. ELLIS, J. Citizens Association for Sound Energy. 41pp. 27610: 052. 24X Fiche: 50-445, B4/05/22, B411260410.

B411260349 Forwards telcon repts associated w/Phase 4 of independent assessment program.
WILLIAMS, N.H. CYGNA Energy Services. B4/06/18. ELLIS, J. Citizens Association for Sound Energy. 54pp. 27608: 331. 24X Fiche: 50-445, B4/06/18, B411260349.

B411060406 Forwards Gibbs & Hill responses to pipe stress questions re Phase 3 of independent assessment program.
WILLIAMS, N.H. CYGNA Energy Services. B4/06/20. ELLIS, J. Citizens Association for Sound Energy. 487pp. 27318: 134. 24X Fiche: 50-445, B4/06/20, B411060406.

--B411060420 "Refined Response Spectra for Svc Water Intake Structure."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FIS-4R. B2/12/31. 31pp. 27318: 319. 24X Fiche: 50-445, B4/06/20, B411060406.

--B411060465 "Refined Response Spectra for Electrical Bldg."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FEB-4R. B2/11/30. 48pp. 27318: 350. 24X Fiche: 50-445, B4/06/20, B411060406.

--B411060469 "Refined Response Spectra for Fuel Bldg."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FFB-3R. B2/12/31. 56pp. 27319: 036. 24X Fiche: 50-445, B4/06/20, B411060406.

--B411060474 "Refined Response Spectra for Auxiliary Bldg."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FAB-4R. B2/11/30. 64pp. 27319: 092. 24X Fiche: 50-445, B4/06/20, B411060406.

--B411060477 "Refined Response Spectra for Reactor Bldg Internal Structure."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FRB-BR. B2/12/31. 54pp. 27319: 155. 24X Fiche: 50-445, B4/06/20, B411060406.

--B411060484 "Refined Response Spectra for Containment Bldg."
* Gibbs & Hill, Inc. (subs. of Dravo Corp.). FRB-7R. B2/12/31. 52pp. 27319: 209. 24X Fiche: 50-445, B4/06/20, B411060406.

B408280172 Forwards addl info re containment sump performance development as result of B40607 meeting.
SCHMIDT, H.C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). B4/08/17. YOUNGBLOOD, B.J. Licensing Branch 1. 69pp. 26273: 040. 24X Fiche: 50-445, B4/08/17, B408280172.

B411060416 Requests addl info re cinched U-bolt testing & analysis program. Request & clarification based on review of B40913 transcript of "Discussion Between CYGNA Energy Svcs & Texas Util Generating Co & EBASCO Svcs." WILLIAMS, N.H. CYGNA Energy Services. B4/10/01. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 5pp. 27315: 337. 24X Fiche: 50-445, B4/10/01, B411060416.

B411060532 Summarizes major steps associated w/Phase 3 plan described in RE Ballard B40914 ltr re mass participation. Comments based on comparison of mass participation plan & evaluation of work actually performed encl. WILLIAMS, N.H. CYGNA Energy Services. B4/10/02. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27311: 356. 24X Fiche: 50-445, B4/10/02, B411060532.

B411060436 Forwards addl info in response to design control, pipe support & pipe stress questions, per independent assessment program - Phase 3. WILLIAMS, N.H. CYGNA Energy Services. B4/10/03. ELLIS, J. Citizens Association for Sound Energy. 136pp. 27316: 172. 24X Fiche: 50-445, B4/10/03, B411060436.

B41150065 Forwards responses to questions from various disciplines re Phase 4 of CYGNA independent assessment program. WILLIAMS, N.H. CYGNA Energy Services. B4/10/08. ELLIS, J. Citizens Association for Sound Energy. 1745pp. 27515: 313. 24X Fiche: 50-445, B4/10/08, B41150065.

B411060450 Discusses review of mechanical sys design of component cooling water (CCW) sys. Review part of independent assessment program. Concern focused on single failure causing LOCA outside containment & mode failure of CCW sys. WILLIAMS, N.H. CYGNA Energy Services. B4/10/09. BURWELL, S. NRC - No Detailed Affiliation Given. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27316: 333. 24X Fiche: 50-445, B4/10/09, B411060450.

B411060302 Forwards communication repts associated w/Phase 3 independent assessment program covering pipe support CC-1-02B-024-533R, Calculation Set E1: Pipe Support Question 18 & insp repts. OLDAO, D. CYGNA Energy Services. B4/10/11. ELLIS, J. Citizens Association for Sound Energy. 8pp. 27321: 025. 24X Fiche: 50-445, B4/10/11, B411060302.

B411060335 Forwards communications repts for Phase 4 independent assessment program re cable tray & conduit support design, local buckling & bending stresses & cable tray support review calculations. OLDAO, D. CYGNA Energy Services. B4/10/11. ELLIS, J. Citizens Association for Sound Energy. 77pp. 27321: 043. 24X Fiche: 50-445, B4/10/11, B411060335.

B411060453 Forwards communications repts re Phase 1 & 2 of independent assessment program, covering factor use in equivalent static load method & fire protection for electrical cable trays. OLDAO, D. CYGNA Energy Services. B4/10/11. ELLIS, J. Citizens Association for Sound Energy. 7pp. 27315: 330. 24X Fiche: 50-445, B4/10/11, B411060453.

B411070049 Forwards errata & revised pages to draft Rept TR-B3090-01, Vols 1 & 2 of independent assessment program. Revs incorporate comments from NRC, ASLB & util. WILLIAMS, N.H. CYGNA Energy Services. B4/10/12. BURWELL, S. Division of Licensing. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 10pp. 27353: 244. 24X Fiche: 50-445, B4/10/12, B411070049.

--B411070054 Rev 0 to "Independent Assessment Program."
WILLIAMS, N.H. CYGNA Energy Services. TR-B3090-01 R00. B4/10/12. 64pp. 27353: 254. 24X Fiche: 50-445, B4/10/12, B411070049.

--B411070061 Rev 2 to "Independent Design Verification, Pipe Stress Design Review Criteria."
WINCHIELLO, J., WEINGART, L.J., WILLIAMS, N. CYGNA Energy Services. DC-1 R02. B4/09/18. 14pp. 27353: 318. 24X Fiche: 50-445, B4/10/12, B411070049.

DOCKETED ITEMS

- B411070065 Rev 2 to "Independent Design Review, Pipe Support Design Review Criteria."
LOU, S., WONG, C., MINICHELLO, J. CYGNA Energy Services. DC-2 R02. 84/09/25. 17pp. 27353:332. 24X Fiche: 50-445, 84/10/12, B411070049.
- B411070072 Rev 2 to "Independent Design Review, Cable Tray Support Review Criteria."
RUSS, J., HORSTMAN, W., WILLIAMS, N. CYGNA Energy Services. DC-3 R02. 84/09/28. 13pp. 27353:349. 24X Fiche: 50-445, 84/10/12, B411070049.
- B411070078 Rev 2 to "Independent Assessment Program, Electrical Sys Review Criteria."
MOERSFELDER, A., MARTIN, T., MINICHELLO, J. CYGNA Energy Services. DC-5 R02. 84/09/23. 197pp. 27353:363. 24X Fiche: 50-445, 84/10/12, B411070049.
- B411060455 Forwards corrected errata page to Rev 0 to TR-83090-01. "Independent Assessment Program."
WILLIAMS, N.H. CYGNA Energy Services. 84/10/22. BURWELL, S. NRC - No Detailed Affiliation Given. GEORGE, J.B. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). 2pp. 27315:325. 24X Fiche: 50-445, 84/10/22, B411060455.
- B411060459 Corrected errata page to Rev 0 to TR-83090-01. "Independent Assessment Program."
* CYGNA Energy Services. 84/10/22. 4pp. 27315:326. 24X Fiche: 50-445, 84/10/22, B411060455.
- B411010302 Forwards revised responses to NRC Questions 130.37, 130.38 & 130.39 re structural engineering aspects of cable tray supports.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/10/26. YOUNGBLOOD, B.J. Licensing Branch 1. 13pp. 27229:133. 24X Fiche: 50-445, 84/10/26, B411010302.
- B411020204 Board Notification 84-174: follows up on Board Notification 84-160 & summarizes B41019 meeting w/util re applicant B41008 plan for resolution of NRC requests for addl info re electrical & instrumentation program.
EISENHUT, D.G. Division of Licensing. 84/10/26. BLOCH, P., JORDAN, W., MCCOLLUM, K. Atomic Safety and Licensing Board Panel. 3pp. 27400:137. 24X Fiche: 50-445, 84/10/26, B411020204.
- B411090303 Summary of B41019 meeting w/util, Dallas Morning News, Dallas Times Herald, CASE, Govt Accountability Project, TERA Corp & Paine Webber re util B41008 plan for resolution of NRC requests for addl info concerning listed items.
VIETTI, A. Division of Licensing. 84/10/26. Division of Licensing. 2pp. 27400:140. 24X Fiche: 50-445, 84/10/26, B411020204.
- B411090310 Notification of date change to B41019 for meeting w/util in Bethesda, MD to discuss applicant plan for resolution of open items from facility technical review team B40918 review of electrical & instrumentation areas.
VIETTI, A.L. Division of Licensing. 84/10/11. EISENHUT, D.G. Division of Licensing. 1p. 27400:142. 24X Fiche: 50-445, 84/10/26, B411020204.
- B411050201 Provides preliminary comments, analysis & recommendations re adequacy of design, const & operation & compliance w/federal regulations & industry stds. Util B41008 program plan should be rejected.
GARDE, B.P. Government Accountability Project. 84/10/26. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. EISENHUT, D. Division of Licensing. 18pp. 27304:169. 24X Fiche: 50-445, 84/10/26, B411050201.
- B411050209 Requests investigation into possible use of coercion pressure or other measures to persuade JJ Lipinsky to recant sharp criticisms of plant protective coatings program. Brief, summarizing evidence, encl. w/o encl.
CLARK, L. Government Accountability Project. 84/10/29. HAYES, B. Office of Investigation. 2pp. 27304:187. 24X Fiche: 50-445, 84/10/26, B411050201.
- B411130278 Summary of B41019 meeting w/util in Bethesda, MD re resolution of requests for addl info from Technical Review Team effort described in B40919 ltr. Transcript of meeting encl.
VIETTI, A. Comanche Peak Technical Review Team. 84/10/26. Division of Licensing. 3pp. 27330:068. 24X Fiche: 50-445, 84/10/26, B411130278.
- B411070081 Forwards draft "Offsite Dose Calculation Manual" & list of changes to B41028 draft.
BECK, J.W. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/10/31. YOUNGBLOOD, B.J. Licensing Branch 1. 2pp. 27354:299. 24X Fiche: 50-445, 84/10/31, B411070081.
- B411070087 Draft "Offsite Dose Calculation Manual."
* Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/10/31. 90pp. 27354:301. 24X Fiche: 50-445, 84/10/31, B411070081.
- B411080305 Rev 1 to "Evaluation of Paint & Insulation Debris Effects on Containment Emergency Sump Performance."
CHIRUVOLU, M., FALK, K., SCHLESINGER, M. Gibbs & Hill, Inc. (subs. of Dravo Corp.). 84/10/31. 288pp. 27393:130. 24X Fiche: 50-445, 84/10/31, B411080305.
- B411140508 Summary of B41023 meeting w/util, Govt Accountability Project/CASE, Dallas Morning News, Dallas Times Herald & TERA Corp in Bethesda, MD re applicant B41008 plan for resolution of NRC requests for addl info. Transcript of meeting encl.
VIETTI, A. Division of Licensing. 84/11/01. Division of Licensing. 3pp. 27527:269. 24X Fiche: 50-445, 84/11/01, B411140508.
- B411060198 Informs of intent to respond to Govt Accountability Project B40926 & 1026 comments re NRC staff technical review team findings.
SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/02. EISENHUT, D.G. Division of Licensing. 1p. 27323:339. 24X Fiche: 50-445, 84/11/02, B411060198.
- B411070011 Forwards Rev 1 to B40630 rept re containment sump performance & Westinghouse B41102 ltr re evaluation of paint & insulation debris effects on sump performance. W/o rept.
BECK, J.W. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/02. YOUNGBLOOD, B.J. Licensing Branch 1. 8pp. 27359:140. 24X Fiche: 50-445, 84/11/02, B411070011.
- B411070108 Board Notification 84-175: summarizes B41023 meeting w/util to discuss B41008 plan for resolution of technical review team B40918 requests for addl info re electrical, instrumentation, civil/structural & test programs.
EISENHUT, D.G. Division of Licensing. 84/11/02. BLOCK, P. Consolidated Edison Co. of New York, Inc. JORDAN, W., MCCOLLUM, K. Atomic Safety and Licensing Board Panel. 3pp. 27425:268. 24X Fiche: 50-445, 84/11/02, B411070108.
- B411130151 Forwards B41026 CASE brief in opposition to applicant request for nondisclosure of relevant Lipinsky documents & B41026 BP Garde ltr to HR Denton.
NOONAN, V.S. NRC - No Detailed Affiliation Given. 84/11/05. CASE, E., MCKNIGHT, J., TANG, R.C. NRC - No Detailed Affiliation Given. 2pp. 27478:027. 24X Fiche: 50-445, 84/11/05, B411130151.
- B411130160 Forwards B41028 request for investigation into util actions suppressing & substantially modifying J Lipinsky opinions re painting coatings GA/GC program.
GARDE, B.P. Government Accountability Project. 84/10/28. NOONAN, V. NRC - No Detailed Affiliation Given. 1p. 27478:029. 24X Fiche: 50-445, 84/11/05, B411130151.
- B411080084 Forwards "Independent Assessment Program: Design Change Tracking Group Data Base Review." Rept provides results of B40613-15 review.
WILLIAMS, N.H. CYGNA Energy Services. 84/11/06. BURWELL, S. NRC - No Detailed Affiliation Given. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27392:191. 24X Fiche: 50-445, 84/11/06, B411080084.
- B411080091 "Independent Assessment Program: Design Change Tracking Group Data Base Review."
BIBB, S.L., WILLIAMS, N.H. CYGNA Energy Services. TR-83090-03 R00. 84/08/15. 8pp. 27392:193. 24X Fiche: 50-445, 84/11/06, B411080084.
- B411140224 Forwards addl info re seismic & dynamic qualification of safety-related equipment required for closure or confirmation that previous commitments completed.
BECK, J.W. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/06. YOUNGBLOOD, B.J. Licensing Branch 1. 9pp. 27467:012. 24X Fiche: 50-445, 84/11/06, B411140224.
- B411200062 Forwards CASE comments on util B41008 program plan to respond to technical review team B40918 rept.
NOONAN, V.S. Comanche Peak Technical Review Team. 84/11/09. CASE, E., TANG, R.C., WESSMAN, R. NRC - No Detailed Affiliation Given. 20pp. 27588:305. 24X Fiche: 50-445, 84/11/09, B411200062.
- B411260232 Forwards, for review & info, CASE comments on applicant B41008 program plan to respond to B40918 Technical Review Team rept. Documents being placed in PDR.
NOONAN, V.S. Comanche Peak Technical Review Team. 84/11/09. Comanche Peak Technical Review Team. 19pp. 27646:343. 24X Fiche: 50-445, 84/11/09, B411260232.

DOCKETED ITEMS

287

841160367 Responds to Govt Accountability Project 840926 & 1026 ltrs attacking util & project. Rev to response team program plan in progress, addressing programmatic safety concerns expressed at NRC 841019 & 23 meetings.
SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/12. EISENHUT, D.G. Division of Licensing. 2pp. 27537:195. 24X Fiche: 50-445, 84/11/12, 841160367.

841120137 Forwards description of FSAR Amend 53, dtd 841105.
MARSHALL, J.S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/13. BURWELL, S.B. Division of Licensing. 5pp. 27590:093. 24X Fiche: 50-445, 84/11/13, 841120137.

8411260293 Submits list of requested changes to final draft Tech Specs. Review of final draft Tech Specs incomplete. Addl mods may be necessary at future date.
BECK, J.W. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/15. YOUNGBLOOD, B.J. Licensing Branch 1. 27pp. 27613:028. 24X Fiche: 50-445, 84/11/15, 8411260293.

8411260386 Forwards plant-specific electrical schematic/elementary diagram incorporating auto shunt trip actuation, per Generic Ltr 83-28.
BECK, J.W. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/15. YOUNGBLOOD, B.J. Licensing Branch 1. 2pp. 27611:048. 24X Fiche: 50-445, 84/11/15, 8411260386.

8411260317 Forwards addl info on independent assessment program Phase 3 & cinched U-bolt testing & analyses program. Contact between pipe & crosspipe overestimated & contact between pipe & U-bolt incorrectly assumed to extend for 180 degrees.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/16. WILLIAMS, N.H. CYGNA Energy Services. 15pp. 27613:001. 24X Fiche: 50-445, 84/11/16, 8411260317.

8411260321 Comments on CYGNA 841106 response to NRC questions re independent assessment program, Phases 1 & 2. Reversal of snubbers not design change. Orientation of snubbers shown on design drawings purely arbitrary.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/16. BURWELL, S.B. NRC - No Detailed Affiliation Given. 2pp. 27612:361. 24X Fiche: 50-445, 84/11/16, 8411260321.

8411270334 Forwards errata & revised pages to "Independent Assessment Program of Comanche Peak Steam Electric Station (Phase 3)."
WILLIAMS, N.H. CYGNA Energy Services. 84/11/20. BURWELL, S. NRC - No Detailed Affiliation Given. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27631:170. 24X Fiche: 50-445, 84/11/20, 8411270334.

--8411270337 Errata & revised pages to "Independent Assessment Program of Comanche Peak Steam Electric Station (Phase 3)."
WILLIAMS, N.H. CYGNA Energy Services. TR-84042-01 ERR. 84/11/20. 312pp. 27631:174. 24X Fiche: 50-445, 84/11/20, 8411270334.

8411260053 Forwards Rev 1 to "Program Plan & Issue-Specific Action Plans," per 841019 & 23 meetings w/NRC. Rev adds two non-util members to senior review team & replaces all issue team leaders w/non-util experts.
SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/21. EISENHUT, D.G. Division of Licensing. 1p. 27615:133. 24X Fiche: 50-445, 84/11/21, 8411260053.

--8411260057 Rev 1 to "Program Plan & Issue-Specific Action Plans."
* Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/19. 30pp. 27615:134. 24X Fiche: 50-445, 84/11/21, 8411260053.

E. NRC Safety Evaluation Report (SER), supp's & correspondence

8411060326 Forwards Containment Sys Branch SSER transmitted by 841011 ltr re containment isolation. Encl suppl includes missing SER Pages 5 & 6 & supercedes original SER.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/25. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 9pp. 27329:324. 24X Fiche: 50-445, 84/10/25, 8411060326.

8411130599 Forwards SSER re proposed N-16 transit time flow meters. Flow meter principle adequately demonstrated. Commitment to provide N-16 flow meter performance data required prior to licensing.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/01. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27471:332. 24X Fiche: 50-445, 84/11/01, 8411130599.

--8411130605 SSER re proposed N-16 transit time flow meter. Flow meter sys adequately demonstrated.
* NRC - No Detailed Affiliation Given. 84/11/01. 4pp. 27471:336. 24X Fiche: 50-445, 84/11/01, 8411130599.

8411260533 Advises of issuance of encl SSER 6 (NUREG-0797) re operation of facility. Suppl issued out of sequence, SSER 5 concerning independent assessment program being prepared & will be issued in near future. W/o encl.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/13. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27645:353. 24X Fiche: 50-445, 84/11/13, 8411260533.

8411280409 Forwards interim evaluation rept re emergency response capability conformance w/Reg Guide 1.97, Rev 2, prepared by EG&G Idaho. Rept addresses info provided in util 820630, 830415, 1024 & 840626 ltrs, per SSER 4 (NUREG-0797).
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/15. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 1p. 27683:341. 24X Fiche: 50-445, 84/11/15, 8411280409.

8411270533 Forwards SSER 6 to (NUREG-0797). SSER available in PDR & LPDR. SSER 5 still in preparation. W/o encl.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/19. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27671:229. 24X Fiche: 50-445, 84/11/19, 8411270533.

F. Security, medical, emergency & fire protection plans

8411060453 Forwards communications repts re Phase 1 & 2 of independent assessment program, covering factor use in equivalent static load method & fire protection for electrical cable trays.
OLDAQ, D. CYGNA Energy Services. 84/10/11. ELLIS, J. Citizens Association for Sound Energy. 7pp. 27315:330. 24X Fiche: 50-445, 84/10/11, 8411060453.

8411130086 Forwards request for addl info re fire protection safe shutdown & alternate safe shutdown design. Info supplied in util 841001 ltrs not sufficiently complete. Schedule for response requested within 5 days of ltr receipt.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/06. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 6pp. 27481:290. 24X Fiche: 50-445, 84/11/06, 8411130086.

8411260160 Forwards changes to Rev 4 to physical security plan. Changes withheld.
CLEMENTS, S.R. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/16. DENTON, H.D. Office of Nuclear Reactor Regulation, Director. 1p. 27614:209. 24X Fiche: 50-445, 84/11/16, 8411260160.

G. Adjudicatory correspondence

8411060557 Response to ASLB 841018 request for info re cinching down U-bolts. Raw data supporting Table 2 of 840629 affidavit of RC Iotti & JC Finneran & Certificate of Svc encl. Related correspondence.
HORIN, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HORIN, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. #484 975. 84/10/23. 13pp. 27326:260. 24X Fiche: 50-445, 84/10/23, 8411060557.

8411010320 Second answer to CASE 840926 motion for production of documents re proposed testimony of EG&G. Certificates of Svc encl. Related correspondence.
TREBY, S.A. Hearing Branch 1. #484 831. 84/10/24. Citizens Association for Sound Energy. 6pp. 27232:007. 24X Fiche: 50-445, 84/10/24, 8411010320.

8411060551 Provides Govt Accountability Project & CASE comments, analysis & recommendations re adequacy of design, const & operation of plant. Independent auditing sys for problems at plant requested.
GARDE, B.P. Government Accountability Project. #484 973. 84/10/26. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. EISENHUT, D.G. Division of Licensing. 18pp. 27326:273. 24X Fiche: 50-445, 84/10/26, 8411060551.

8411010254 Forwards new Page 4 to third draft of Lipinsky 840808 trip rept. Page 4 of trip rept had been reproduced as two pages in order to capture insert taped to page. Related correspondence.
GALLD, J. Isham, Lincoln & Beale. GALLD, J. Oliver B. Cannon & Son, Inc. #484 843. 84/10/29. SLOCH, P.B.; GROSSMAN, H.; JORDAN, W.H. Atomic Safety and Licensing Board Panel. 2pp. 27231:359. 24X Fiche: 50-445, 84/10/29, 8411010254.

8411010398 Staff third answer to CASE 840926 motion for production of documents to NRC re proposed testimony of EG&G & request for production of documents. Certificate of Svc encl. Related correspondence.
TREBY, S.A. Hearing Branch 1. #484 830. 84/10/29. Atomic Safety and Licensing Board Panel. 6pp. 27229:350. 24X Fiche: 50-445, 84/10/29, 8411010398.

DOCKETED ITEMS

- 8411010501 Forwards Insp Rept 84-22/84-07.W/o encl.Related correspondence.
MIZUNO, G.S. Hearing Branch 1. #484 832. 84/10/29. BLOCH, P.B., JORDAN, W.H., MCCOLLUM, K.A. Atomic Safety and Licensing Board Panel. 1p. 27229:123. 24X Fiche: 50-445, 84/10/29, 8411010501.
- 8411060547 Requests investigation of util officials attempt to influence DB Cannon Co assessment of paint coatings program through coercion of JJ Lipinsky. CASE brief on subj coverup & coercion encl. W/o encl.
CLARK, L. Government Accountability Project. #484 972. 84/10/29. HAYES, B. Office of Investigation. 2pp. 27326:291. 24X Fiche: 50-445, 84/10/29, 8411060547.
- 8411010504 Staff response to DB Cannon & JJ Norris 841023 motion to strike JJ Norris 841001 & 02 testimony before ASLB. Staff agrees testimony should be stricken as evidence & treated as discovery disposition. Related correspondence.
BOCHMANN, R.G. Hearing Branch 1. #484 829. 84/10/30. Atomic Safety and Licensing Board Panel. 6pp. 27229:125. 24X Fiche: 50-445, 84/10/30, 8411010504.
- 8411060266 Answer opposing applicant 841019 motion for reconsideration of ASLB order granting discovery on crossover leg restraints. Certificate of Svc encl. Related correspondence.
ELLIS, J. Citizens Association for Sound Energy. #484 917. 84/10/30. Atomic Safety and Licensing Board Panel. 10pp. 27324:010. 24X Fiche: 50-445, 84/10/30, 8411060266.
- 8411060451 Response to CASE 841018 motion for referral of R Jones incident to Ofc of Investigations. Certificate of Svc encl.
MIZUNO, G.S. Hearing Branch 1. #484 931. 84/10/30. Atomic Safety and Licensing Board Panel. 12pp. 27312:001. 24X Fiche: 50-445, 84/10/30, 8411060451.
- 8411060463 Forwards CASE 841030 motion for addl time & second partial answer to applicant statement of matl facts in form of affidavit of M Walsh.
ELLIS, J. Citizens Association for Sound Energy. #484 916. 84/10/30. Docketing & Services Branch. 1p. 27313:288. 24X Fiche: 50-445, 84/10/30, 8411060463.
- 8411060471 Motion for addl time until 841204 to further answer applicant statement of matl facts as to which there is no genuine issue re applicant GA program for design of piping & pipe supports for plant. Affidavit of M Walsh encl.
ELLIS, J. Citizens Association for Sound Energy. 84/10/30. Atomic Safety and Licensing Board Panel. 3pp. 27313:289. 24X Fiche: 50-445, 84/10/30, 8411060463.
- 8411060481 Affidavit of M Walsh consisting of CASE second partial answer to applicant statement of matl facts as to which there is no genuine issue re applicant GA program for design of piping & pipe supports. Supporting documentation encl.
WALSH, M. Citizens Association for Sound Energy. 84/10/29. 217pp. 27313:292. 24X Fiche: 50-445, 84/10/30, 8411060463.
- 8411010660 Memorandum & order disallowing fourth & higher round pleadings on summary disposition motions unless pleadings demonstrate stated criteria. Served on 841101.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 860. 84/10/31. 3pp. 27251:111. 24X Fiche: 50-445, 84/10/31, 8411010660.
- 8411020035 Motion to compel production of documents from NRC staff, consisting of discovery notes taken at EG&G, per 10CFR2.740(b)(2). Certificate of Svc encl. Related correspondence.
ROISMAN, A.Z. Citizens Association for Sound Energy. ROISMAN, A.Z. Trial Lawyers for Public Justice. #484 846. 84/10/31. Atomic Safety and Licensing Board Panel. 8pp. 27257:163. 24X Fiche: 50-445, 84/10/31, 8411020035.
- 8411020074 Forwards memorandum in opposition to CASE motion for referral of R Jones incident, opposition to motion for production of documents & memorandum in support of Cannon motion to strike JJ Norris testimony. Related correspondence.
DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. DOWNEY, B.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 857. 84/10/31. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27256:154. 24X Fiche: 50-445, 84/10/31, 8411020074.
- 8411020077 Opposition to CASE motion for referral of R Jones incident to Ofc of Investigations. Certificate of Svc encl. Related correspondence.
DOWNEY, B.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. 84/10/30. Atomic Safety and Licensing Board Panel. 4pp. 27256:155. 24X Fiche: 50-445, 84/10/31, 8411020074.
- 8411020081 Opposition to CASE motion for production of documents re termination of J Cole. Certificate of Svc encl. Related correspondence.
* Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). * Bishop, Liberman, Cook, Purcell & Reynolds. 84/10/30. Citizens Association for Sound Energy. 5pp. 27256:159. 24X Fiche: 50-445, 84/10/31, 8411020074.
- 8411020084 Memorandum in support of DB Cannon motion to strike testimony of J Norris. Certificate of Svc encl. Related correspondence.
DOWNEY, B.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. 84/10/30. 4pp. 27256:164. 24X Fiche: 50-445, 84/10/31, 8411020074.
- 8411060385 Response opposing CASE 841018 motion for sanctions due to repeated untimely filings of CT Brandt testimony. Certificate of Svc encl.
BERRY, G.A. Hearing Branch 1. #484 922. 84/10/31. Atomic Safety and Licensing Board Panel. 8pp. 27320:302. 24X Fiche: 50-445, 84/10/31, 8411060385.
- 8411070016 Response to applicant 841005 motions to set schedule for briefs addressing Cygna Phase 3 issues & for expedited response. Board should defer action on motions.
MIZUNO, G.S. Hearing Branch 1. #484 991. 84/10/31. Atomic Safety and Licensing Board Panel. 4pp. 27360:046. 24X Fiche: 50-445, 84/10/31, 8411070016.
- 8411070023 Affidavit of VS Noonan on Cygna Phase 3 rept.
NOONAN, V.S. NRC - No Detailed Affiliation Given. 84/10/31. 5pp. 27360:050. 24X Fiche: 50-445, 84/10/31, 8411070016.
- 8411010349 Order directing applicant to deliver to those on svc list all records re termination of J Cole by 841107 & memorandum granting CASE 841010 motion for production of documents. Served on 841101.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 863. 84/11/01. Office of the Executive Legal Director. 2pp. 27251:114. 24X Fiche: 50-445, 84/11/01, 8411010349.
- 8411020300 Memorandum requesting rept from Ofc of Investigations as to whether R Jones incident discussed in CASE 841018 motion was result of negligence or coercion of potential witness. Served on 841101.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 876. 84/11/01. Office of Investigation. 1p. 27261:298. 24X Fiche: 50-445, 84/11/01, 8411020300.
- 8411020528 Forwards applicants opposition to CASE motion for sanctions. Memorandum being filed 841101. Applicant requests oral argument on motion. Related correspondence.
DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. #484 874. 84/11/01. BLOCH, P.B., JORDAN, W.H., GROSSMAN, H. Atomic Safety and Licensing Board Panel. 1p. 27261:160. 24X Fiche: 50-445, 84/11/01, 8411020528.
- 8411020534 Response opposing CASE motion for sanctions countering allegations re prefilled testimony, proposed findings of fact, brief re DB Cannon documents & testimony of liner plates. Certificate of Svc encl.
DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. 84/11/01. Atomic Safety and Licensing Board Panel. 8pp. 27261:161. 24X Fiche: 50-445, 84/11/01, 8411020528.
- 8411020544 Memorandum deferring 841023 motion to strike testimony of JJ Norris pending testimony & explanation. Served on 841101.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 875. 84/11/01. 1p. 27261:280. 24X Fiche: 50-445, 84/11/01, 8411020544.
- 8411060395 Response opposing applicant 841004 motion to strike CASE 841001 answer to applicant reply to CASE 841002 answer on consideration of friction forces.
MIZUNO, G.S. Hearing Branch 1. #484 923. 84/11/01. Atomic Safety and Licensing Board Panel. 5pp. 27320:265. 24X Fiche: 50-445, 84/11/01, 8411060395.
- 8411060400 Response opposing applicant 841019 motion for reconsideration of ASLB 841005 order granting discovery on adequacy of crossover leg restraints. Certificate of Svc encl.
MIZUNO, G.S. Hearing Branch 1. 84/11/01. Atomic Safety and Licensing Board Panel. 7pp. 27320:270. 24X Fiche: 50-445, 84/11/01, 8411060395.
- 8411050446 Memorandum vacating 840917 Order LBP 84-36 re Ofc of Investigation documents, per Ofc of Investigation 841025 memo. Requests to be informed of deadline for advising ASLB re relevance of 19 repts at issue. Served on 841102.
BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 879. 84/11/02. 2pp. 27297:230. 24X Fiche: 50-445, 84/11/02, 8411050446.

DOCKETED ITEMS

289

- 8411060303 Reply to CASE 840827 partial answer to applicant 840520 motion for summary disposition re safety factors. PHILIPS, M.H. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. #484 892. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27321:295. 24X Fiche: 50-445, 84/11/02, 8411060303.
- 8411060309 Affidavit of RD Wheaton, JC Finneran & RC Iotti in reply to CASE partial answer to applicant motion for summary disposition re safety factors. Certificate of Svc encl. IOTTI, R.C., FINNERAN, J.C. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). IOTTI, R.C. Ebasco Services, Inc. (subs. of Enserch Corp.). 84/11/01. 23pp. 27321:297. 24X Fiche: 50-445, 84/11/02, 8411060303.
- 8411060414 Memorandum ordering applicant to discuss ASLB order re filing of CASE motion for sanctions & to indicate own judgment concerning appropriateness of counsel dictating testimony served on 841105. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 898. 84/11/02. 2pp. 27320:247. 24X Fiche: 50-445, 84/11/02, 8411060414.
- 8411060603 Forwards original weld data card & related documents for Field Weld 40-C which ASLB released for use in preparing Chaney preformed testimony. Related correspondence. DOWNEY, B.L. Bishop, Liberman, Cook, Purcell & Reynolds. #484 961. 84/11/02. BLOCH, P.B. Atomic Safety and Licensing Board Panel. JORDAN, W.H. Affiliation Not Assigned. GROSSMAN, H. NRC - No Detailed Affiliation Given. 1p. 27326:340. 24X Fiche: 50-445, 84/11/02, 8411060603.
- 8411070018 Staff response to applicant 840517 motion for summary disposition of Case allegations re AWS & ASME Code provisions on weld design. MIZUNO, G.S. Hearing Branch 1. #484 988. 84/11/02. Atomic Safety and Licensing Board Panel. 7pp. 27359:047. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070026 Affidavit of D Terao on AWS & ASME Code provisions on weld design. Certificate of Svc encl. TERAO, D. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). TERAO, D. Mechanical Engineering Branch. 84/11/02. 25pp. 27359:054. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070038 Forwards staff response to applicant suppl motion for 10CFR50.57(c) authorization. SP Burwell, WL Jensen, M Dunenfeld & DL Kelly affidavits. MIZUNO, G.S. Hearing Branch 1. 84/11/02. BLOCH, P.B., JOHNSON, E.B., MCCALLUM, K.A. Atomic Safety and Licensing Board Panel. 1p. 27359:079. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070060 Staff response to applicant suppl to motion for 10CFR50.57(c) authorization, suggesting ASLB proceed w/ resolution of factual issues now in dispute rather than inject new separate consideration of sys. MIZUNO, G.S. Hearing Branch 1. SCINTO, J.F. Hearings Division. 84/11/02. Atomic Safety and Licensing Board Panel. 18pp. 27359:080. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070069 Affidavit of SB Burwell re Comanche Peak Steam Electric Station sys for pipe support design & design GA. BURWELL, S.B. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). BURWELL, S.B. Licensing Branch 1. 84/11/02. 8pp. 27359:098. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070074 Affidavit of M Dunenfeld re maint of subcriticality. DUNENFELD, M. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). DUNENFELD, M. Core Performance Branch. 84/11/02. 5pp. 27359:106. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070084 Affidavit of WL Jensen re sys necessary for protection of public health & safety during proposed fuel load & precriticality test events. DL Kelly unexecuted affidavit re initial startup procedures encl. JENSEN, W.L. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). JENSEN, W.L. Reactor Systems Branch. 84/11/02. 14pp. 27359:111. 24X Fiche: 50-445, 84/11/02, 8411070018.
- 8411070070 Memorializes 841101 telcon re NRC request for extension until Jan 1985 to respond to CASE 841006 motion for summary disposition re implementation of GA/GC design. Request granted. Related correspondence. MIZUNO, G.S. Hearing Branch 1. #484 992. 84/11/02. BLOCH, P.B., JOHNSON, E.B., MCCALLUM, K.A. Atomic Safety and Licensing Board Panel. 1p. 27364:025. 24X Fiche: 50-445, 84/11/02, 8411070070.
- 8411090265 Answer to applicant motions to set schedule for briefs addressing CYGNA Phase 3 issues & for expedited responses. ASLB should deny applicant motion & instead adopt listed procedures. Certificate of Svc encl. Related correspondence. ELLIS, J. Citizens Association for Sound Energy. #484 040. 84/11/02. Atomic Safety and Licensing Board Panel. 11pp. 27399:298. 24X Fiche: 50-445, 84/11/02, 8411090265.
- 8411090320 Forwards third motion for summary disposition re lack of independence &/or credibility for CYGNA, statement of matl facts & affidavit of J Doyle. ELLIS, J. Citizens Association for Sound Energy. #484 041. 84/11/02. Docketing & Services Branch. 1p. 27401:001. 24X Fiche: 50-445, 84/11/02, 8411090320.
- 8411090371 Third motion for summary disposition re lack of independence &/or credibility of CYGNA. ELLIS, J. Citizens Association for Sound Energy. 84/11/02. Atomic Safety and Licensing Board Panel. 2pp. 27401:002. 24X Fiche: 50-445, 84/11/02, 8411090320.
- 8411090372 Statement of matl facts as to which there is no genuine issue. * Citizens Association for Sound Energy. 84/11/08. Atomic Safety and Licensing Board Panel. 15pp. 27401:004. 24X Fiche: 50-445, 84/11/02, 8411090320.
- 8411090377 Affidavit of J Doyle re CASE third motion for summary disposition re lack of independence &/or credibility of CYGNA. Fidelity of any position taken by CYGNA impossible to determine. Certificate of Svc encl. DOYLE, J. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). 84/10/20. 24pp. 27401:019. 24X Fiche: 50-445, 84/11/02, 8411090320.
- 8411060615 Motion for reconsideration of ASLB 841018 memorandum & order requiring applicant to provide addl detail on individual pipe supports. Certificate of Svc encl. REYNOLDS, N.S., HORIN, W.A. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). REYNOLDS, N.S. Bishop, Liberman, Cook, Purcell & Reynolds. #484 977. 84/11/05. Atomic Safety and Licensing Board Panel. 16pp. 27326:344. 24X Fiche: 50-445, 84/11/05, 8411060615.
- 8411090281 Forwards witness J Doyle affidavit & CASE motions & answer to applicant response to Board request for info re cinching down U-bolts. Related correspondence. ELLIS, J. Citizens Association for Sound Energy. #484 031. 84/11/05. Docketing & Services Branch. 1p. 27401:044. 24X Fiche: 50-445, 84/11/05, 8411090281.
- 8411090293 Motions & answer to applicant 841023 response to Board request for info re cinching down U-bolts. Related correspondence. ELLIS, J. Citizens Association for Sound Energy. 84/11/05. Atomic Safety and Licensing Board Panel. 10pp. 27401:045. 24X Fiche: 50-445, 84/11/05, 8411090281.
- 8411090299 Affidavit of J Doyle constituting CASE answer to applicant response to Board request re cinching down U-bolts. Certificate of Svc encl. Related correspondence. DOYLE, J. Citizens Association for Sound Energy. 84/11/05. 7pp. 27401:055. 24X Fiche: 50-445, 84/11/05, 8411090281.
- 8411090332 Forwards prefiled testimony of JJ Lipinsky, RB Roth, RA Trallo & JJ Norris, J Gallo 841104 brief in support of Lipinsky privilege & affidavit of JJ Lipinsky. Related correspondence. GALLO, J. Isham, Lincoln & Beale. #484 035. 84/11/05. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27398:337. 24X Fiche: 50-445, 84/11/05, 8411090332.
- 8411090339 Testimony of JJ Lipinsky, RB Roth, RA Trallo & JJ Norris re consulting agreement between OB Cannon & Son, Inc & util & Lipinsky memo. Related correspondence. LIPINSKY, J.J., NORRIS, J.J., Oliver B. Cannon & Son, Inc. 84/11/05. 74pp. 27398:338. 24X Fiche: 50-445, 84/11/05, 8411090332.
- 8411090343 Brief in support of Lipinsky privilege. Memorandum & calendar diary notes made by Lipinsky re confidential communications w/attys fall within atty-client privilege & are not discoverable. Related correspondence. GALLO, J. Oliver B. Cannon & Son, Inc. GALLO, J. Isham, Lincoln & Beale. 84/11/04. 7pp. 27399:050. 24X Fiche: 50-445, 84/11/05, 8411090332.
- 8411060601 Forwards affidavit of JC Finneran re correction to affidavit concerning consideration of friction forces. Related correspondence. HORIN, W.A. Bishop, Liberman, Cook, Purcell & Reynolds. HORIN, W.A. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). #484 982. 84/11/06. BLOCH, P.B., JORDAN, W.H., MCCALLUM, K.A. Atomic Safety and Licensing Board Panel. 1p. 27326:337. 24X Fiche: 50-445, 84/11/06, 8411060601.
- 8411060604 Affidavit of JC Finneran re correction to affidavit concerning consideration of friction forces. Related correspondence. FINNERAN, J.C. Texas Utilities Electric Co. (Formerly Texas Utilities Generating Co.). #484 982. 84/11/06. 2pp. 27326:338. 24X Fiche: 50-445, 84/11/06, 8411060601.

DOCKETED ITEMS

- 8411070005 Submits change to applicant 841102 reply to CASE partial answer to motion for summary disposition re safety factors. PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 993. 84/11/06. BLOCH, P.B., JOHNSON, E.B., MCCOLLUM, K.H. Atomic Safety and Licensing Board Panel. 1p. 27360:056. 24X Fiche: 50-445, 84/11/06, 8411070005.
- 8411090330 Order advising applicant not to provide info requested by ASLB in 841018 memorandum & order re individual pipe supports. Served on 841108. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 026. 84/11/06. Office of the Executive Legal Director. 3pp. 27400:127. 24X Fiche: 50-445, 84/11/06, 8411090330.
- 8411090255 Memorandum denying applicant 841019 motion to reconsider 841005 order on crossover leg restraints. Served on 841108. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 038. 84/11/07. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27399:211. 24X Fiche: 50-445, 84/11/07, 8411090255.
- 8411090256 Memorandum allowing CASE to amend liner plate allegations on or before 841114. Served on 841108. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 037. 84/11/07. Citizens Association for Sound Energy. 2pp. 27399:255. 24X Fiche: 50-445, 84/11/07, 8411090256.
- 8411090261 Memorandum rejecting applicant request for extension of filing deadline as misleading. Rejection due to omission of important facts re 841102 telcon between B Downey & ASLB. Served on 841108. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 039. 84/11/07. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 1p. 27399:295. 24X Fiche: 50-445, 84/11/07, 8411090261.
- 8411090263 Memorandum directing parties to comment on necessity for CYGNA Phase IV matters in proceeding by 841207 & order denying applicant 841005 motions to set schedule for briefs addressing CYGNA Phase III issues. Served on 841108. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 036. 84/11/07. Office of the Executive Legal Director. 2pp. 27399:296. 24X Fiche: 50-445, 84/11/07, 8411090263.
- 8411090277 Reneues request for extension of filing deadline to discuss matters re appropriateness of counsel dictating draft testimony. Certificate of Svc encl. Related correspondence. HARTMAN, S.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HARTMAN, S.L. Bishop, Liberman, Cook, Purcell & Reynolds. #484 027. 84/11/07. Atomic Safety and Licensing Board Panel. 4pp. 27399:198. 24X Fiche: 50-445, 84/11/07, 8411090277.
- 8411090333 Memorandum in support of privilege for matls prepared in anticipation of litigation. Certificate of Svc encl. Related correspondence. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. #484 025. 84/11/07. 7pp. 27400:341. 24X Fiche: 50-445, 84/11/07, 8411090333.
- 8411130249 Forwards J Cole 820616, 0914 & 1021 counselling & guidance repts. 820815 employee performance & salary review & 821021 termination interview, per ASLB 84101 order. Certificate of Svc encl. Related correspondence. WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 069. 84/11/07. ROISMAN, A.Z. Trial Lawyers for Public Justice. 10pp. 27440:088. 24X Fiche: 50-445, 84/11/07, 8411130249.
- 8411090304 Forwards correction to applicant 841001 response opposing CASE motion for sanction. Related correspondence. WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 042. 84/11/08. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27400:037. 24X Fiche: 50-445, 84/11/08, 8411090304.
- 8411090315 Correction to applicant 841001 response opposing CASE motion for sanction. Counsel dictated questions & Brandt dictated answers. Certificate of Svc encl. Related correspondence. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. 84/11/08. 3pp. 27400:038. 24X Fiche: 50-445, 84/11/08, 8411090315.
- 8411130590 Forwards addl documents falling within purview of ASLB subpoenas. Submission completes list of all known documents required by subpoenas. Related correspondence. GALLO, J. Isham, Lincoln & Beale. GALLO, J. Oliver B. Cannon & Son, Inc. #484 100. 84/11/08. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 67pp. 27458:105. 24X Fiche: 50-445, 84/11/08, 8411130590.
- 8411130103 Rept re academic expert AP Borei. Certificate of Svc encl. Related correspondence. REYNOLDS, N.S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). REYNOLDS, N.S. Bishop, Liberman, Cook, Purcell & Reynolds. #484 067. 84/11/09. 40pp. 27439:107. 24X Fiche: 50-445, 84/11/09, 8411130103.
- 8411130588 Memorandum stating that applicant will not provide added assurance that response technically & carefully considered unless AP Borei submits testimony detailing depth of review. Served on 841113. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 101. 84/11/09. 1p. 27458:227. 24X Fiche: 50-445, 84/11/09, 8411130588.
- 8411130649 Memorandum & order that applicant file deficiency paper re termination paper for J Cole by 841121. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 102. 84/11/09. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27458:319. 24X Fiche: 50-445, 84/11/09, 8411130649.
- 8411130717 Memorandum providing official notice re transcript of R Camp testimony concerning pipe supports at 841023 meeting w/ Util & NRC/TRT. Parties may submit corrections within 10 days. Served on 841113. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 088. 84/11/09. 2pp. 27458:179. 24X Fiche: 50-445, 84/11/09, 8411130717.
- 8411130719 Responds to ASLB 841024 memorandum requesting raw data re cinching down U-bolts JC Finneran affidavit encl. Related correspondence. PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. #484 086. 84/11/09. 1p. 27458:181. 24X Fiche: 50-445, 84/11/09, 8411130719.
- 8411130722 Affidavit of JC Finneran re info concerning cinching down U-bolts. Related correspondence. FINNERAN, J.C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/09. 17pp. 27458:182. 24X Fiche: 50-445, 84/11/09, 8411130719.
- 8411130725 Responds to ASLB 841029 memorandum requesting addl info re in-process weld repair hold point. ASLB 841011 request unclear. WE Baker affidavit & Certificate of Svc encl. Related correspondence. PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. 84/11/09. 6pp. 27458:199. 24X Fiche: 50-445, 84/11/09, 8411130719.
- 8411130726 Affidavit of WE Baker, responding to ASLB 841029 memorandum requesting addl info re in-process weld repair hold point. Related correspondence. BAKER, W.E. Brown & Root, Inc. (subs. of Halliburton Co.). 84/11/09. 6pp. 27458:205. 24X Fiche: 50-445, 84/11/09, 8411130719.
- 8411140115 Confirms 841108 discussion re documents produced under cover of author 841108 ltr. Lipinsky weekly activity summaries sanitized to exclude unrelated matters. Related correspondence. GALLO, J. Isham, Lincoln & Beale. GALLO, J. Oliver B. Cannon & Son, Inc. #484 116. 84/11/09. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27464:286. 24X Fiche: 50-445, 84/11/09, 8411140115.
- 8411140001 Responds to CASE 840813 answer to 840518 motion for summary disposition of allegations re section property values. Answer fails to demonstrate existence of genuine issue re matl facts. JC Finneran affidavit encl. PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. #484 087. 84/11/12. Atomic Safety and Licensing Board Panel. 3pp. 27467:070. 24X Fiche: 50-445, 84/11/12, 8411140001.
- 8411140003 Affidavit of JC Finneran, responding to CASE answer to applicants motion re section property values. Certificate of Svc encl. FINNERAN, J.C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/09. 14pp. 27467:073. 24X Fiche: 50-445, 84/11/12, 8411140001.
- 8411140482 Forwards cassettes containing recorded conversations of 831110 & 11 meetings between util & OB Cannon & Son, Inc. per 841018 ltr. Tapes understood to form basis for final transcript of meeting. W/o encl. Related correspondence. GALLO, J. Isham, Lincoln & Beale. GALLO, J. Oliver B. Cannon & Son, Inc. #484 124. 84/11/13. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27491:001. 24X Fiche: 50-445, 84/11/13, 8411140482.

DOCKETED ITEMS

291

8411200148 Applicant response to CASE 841006 motion & offer of proof concerning CASE first motion for summary disposition re certain aspects of implementation of applicant design & GA/GC for design. Certificate of Svc encl. REYNOLDS, N.S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). REYNOLDS, N.S. Bishop, Liberman, Cook, Purcell & Reynolds. #484 125. 84/11/13. Atomic Safety and Licensing Board Panel. 13pp. 27579:245. 24X Fiche: 50-445, 84/11/13, 8411200148.

841150305 Responds to DB Cannon & Son 841105 brief supporting atty-client privilege re withholding documents authored by JJ Lipinsky. Certificate of Svc encl. BERRY, G.A. Hearing Branch 1. #484 139. 84/11/14. 5pp. 27528:126. 24X Fiche: 50-445, 84/11/14, 841150305.

841190099 Ack receipt of 841109 memo re pipe supports, inviting correction of portion of 841023 transcript concerning preoperational testing. Clarification of concern requested. REYNOLDS, N.S. Bishop, Liberman, Cook, Purcell & Reynolds. REYNOLDS, N.S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 162. 84/11/14. BLOCH, P.B., JOHNSON, E.B., MCCOLLUM, K.A. Atomic Safety and Licensing Board Panel. 1p. 27554:336. 24X Fiche: 50-445, 84/11/14, 841190099.

841190473 Provides clarification of factual background leading to atty/client relationship between Lipinsky & Reynolds & Watkins. Related correspondence. GALLO, J. Isham, Lincoln & Beale. #484 167. 84/11/14. ROISMAN, A. Trial Lawyers for Public Justice. 2pp. 27553:033. 24X Fiche: 50-445, 84/11/14, 841190473.

841190504 Memorandum in opposition to Lipinsky claim of atty/client privilege. Facts indicate no such relationship existed between Lipinsky & counsel for applicants based on adversarial position. Certificate of Svc encl. ROISMAN, A.Z. Citizens Association for Sound Energy. ROISMAN, A.Z. Trial Lawyers for Public Justice. #484 155. 84/11/14. Atomic Safety and Licensing Board Panel. 12pp. 27550:108. 24X Fiche: 50-445, 84/11/14, 841190504.

841190193 Motion to modify ASLB 841004 order to limit witnesses to Norris only or permit Roth to sit at counsel table during Trallo testimony. Certificate of Svc encl. Related correspondence. GALLO, J. Oliver B. Cannon & Son, Inc. GALLO, J. Isham, Lincoln & Beale. #484 180. 84/11/15. Atomic Safety and Licensing Board Panel. 6pp. 27532:255. 24X Fiche: 50-445, 84/11/15, 841190193.

841190254 Motion to continue conference & to require intervenor to file motion in writing. Certificate of Svc encl. REYNOLDS, N.S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). REYNOLDS, N.S. Bishop, Liberman, Cook, Purcell & Reynolds. #484 161. 84/11/15. Atomic Safety and Licensing Board Panel. 6pp. 27531:232. 24X Fiche: 50-445, 84/11/15, 841190254.

841190277 Response to CASE answer to & motions re applicant motion to set schedule for briefs addressing CYGNA Phase 3 issues. Certificate of Svc encl. MIZUNO, G.S. Hearing Branch 1. #484 169. 84/11/15. Atomic Safety and Licensing Board Panel. 6pp. 27533:335. 24X Fiche: 50-445, 84/11/15, 841190277.

841190454 Further evidence of GC breakdown in const. installation & insp of stainless steel liner plate. Condition of entire structure indeterminate due to applicant inability to produce adequate explanations. Certificate of Svc encl. ROISMAN, A.Z. Citizens Association for Sound Energy. ROISMAN, A.Z. Trial Lawyers for Public Justice. #484 157. 84/11/15. 39pp. 27533:036. 24X Fiche: 50-445, 84/11/15, 841190454.

8411200231 Informs that no conflict of interest exists w/respect to representation of Lipinsky vis-a-vis concurrent representation of Norris & DB Cannon & Son, Inc. per Roisman objection. Related correspondence. GALLO, J. Isham, Lincoln & Beale. GALLO, J. Oliver B. Cannon & Son, Inc. #484 214. 84/11/15. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 3pp. 27578:160. 24X Fiche: 50-445, 84/11/15, 8411200231.

8411200240 Motion for reconsideration of ASLB 841031 memorandum re multiple filings. Certificate of Svc encl. ELLIS, J. Citizens Association for Sound Energy. #484 204. 84/11/15. Atomic Safety and Licensing Board Panel. 26pp. 27577:222. 24X Fiche: 50-445, 84/11/15, 8411200240.

8411200007 Requests that ASLB authorize counsel for DB Cannon & Son, Inc to delete three sentences identified from documents to be provided to parties & ASLB re trial preparation matls. Related correspondence. WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 194. 84/11/16. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 2pp. 27578:049. 24X Fiche: 50-445, 84/11/16, 8411200007.

8411200196 Order staying ASLB 841116 order re Lipinsky privileges pending further order by ASLB. Served on 841119. SHOEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 223. 84/11/16. ROSENTHAL, A.S., JOHNSON, W.R., MOORE, T.S. Atomic Safety and Licensing Appeal Panel. 1p. 27577:010. 24X Fiche: 50-445, 84/11/16, 8411200196.

8411200203 Memorandum re Lipinsky privileges & order designating Documents 12, 13 & 14 in util 841018 ltr as privileged info. In all other respects, privilege asserted by DB Cannon or applicant denied. Served on 841119. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 212. 84/11/16. Oliver B. Cannon & Son, Inc. 20pp. 27579:225. 24X Fiche: 50-445, 84/11/16, 8411200203.

8411200206 Reply to CASE 840926 answer to applicant 840411 response to partial initial decision re A500 steel. CASE failed to prove existence of genuine issue. Certificate of Svc encl. HORIN, W.A. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HORIN, W.A. Bishop, Liberman, Cook, Purcell & Reynolds. #484 185. 84/11/16. Atomic Safety and Licensing Board Panel. 48pp. 27577:137. 24X Fiche: 50-445, 84/11/16, 8411200206.

8411200317 Forwards documents identified in Items 1 through 11 & document identified in Item 15, per ASLB 841116 memo re Lipinsky privileges. ASLB memo exempted Items 12, 13 & 14 from discovery. Related correspondence. WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 183. 84/11/17. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 23pp. 27571:262. 24X Fiche: 50-445, 84/11/17, 8411200317.

--8411200323 Affidavit of JJ Lipinsky concerning Trip Rept Job H8301 re coatings program. Related correspondence. LIPINSKY, J.J. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). LIPINSKY, J.J. Oliver B. Cannon & Son, Inc. 84/02/13. 10pp. 27571:285. 24X Fiche: 50-445, 84/11/17, 8411200317.

8411200200 Motion for reconsideration of 841109 memorandum (deficiency paper: J Cole). Memorandum addresses matter beyond scope of proceeding & should be vacated. Certificate of Svc encl. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. #484 222. 84/11/19. Atomic Safety and Licensing Board Panel. 5pp. 27577:121. 24X Fiche: 50-445, 84/11/19, 8411200200.

8411200263 Order vacating 841116 order granting emergency stay of order re "Lipinsky Privileges." Served on 841119. SHOEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 236. 84/11/19. 1p. 27576:341. 24X Fiche: 50-445, 84/11/19, 8411200263.

8411200276 Memorandum advising that util may respond to CASE 841006 first motion for summary disposition re design & GA/GC for design by 841221. Served on 841119. BLOCH, P.B. Atomic Safety and Licensing Board Panel. #484 232. 84/11/19. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27571:313. 24X Fiche: 50-445, 84/11/19, 8411200276.

8411270189 Reply to CASE 841105 motion concerning info re cinching down U-bolts. Denial of CASE motion requested. PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. #484 243. 84/11/19. Atomic Safety and Licensing Board Panel. 11pp. 27629:112. 24X Fiche: 50-445, 84/11/19, 8411270189.

--8411270196 Affidavit of JC Finneran re CASE 841105 motion concerning sampling of cinched down U-bolts. Torques recorded in Unit 2 U-bolts representative of torques recorded in Unit 1 & common U-bolts. Certificate of Svc encl. FINNERAN, J.C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/19. 6pp. 27629:123. 24X Fiche: 50-445, 84/11/19, 8411270189.

8411290398 Forwards complete & unexpurgated copies of three diary entries previously withheld. 841119 ltr advising ASLB of call & motion for stay pending appeal. GALLO, J. Isham, Lincoln & Beale. #484 336. 84/11/19. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 6pp. 27676:145. 24X Fiche: 50-445, 84/11/19, 8411290398.

--8411290406 Withdraws 841117 motion for stay pending appeal based on JJ Lipinsky 841118 decision to waive privilege to protect remaining documents from disclosure. GALLO, J. Isham, Lincoln & Beale. 84/11/19. ROSENTHAL, A.S., MOORE, T.S., JOHNSON, W.R. Atomic Safety and Licensing Appeal Panel. 2pp. 27676:151. 24X Fiche: 50-445, 84/11/19, 8411290398.

DOCKETED ITEMS

- 8411290408 Motion for stay pending appeal of ASLB 841116 memorandum denying assertions of privilege w/respect to certain documents falling within ambit of ASLB 841004 subpoenas duces tecum. Certificate of Svc encl. GALLO, J. Isham, Lincoln & Beale. 84/11/17. Atomic Safety and Licensing Appeal Panel. 12pp. 27676:153. 24X Fiche: 50-445, 84/11/19, 8411290398.
- 8411290409 Affidavit of JJ Lipinsky instructing J Gallo to assert privilege in connection w/request for production. LIPINSKY, J.J. Affiliation Not Assigned. 84/11/05. 9pp. 27676:165. 24X Fiche: 50-445, 84/11/19, 8411290398.
- 8411210424 Interrogatories & request for production of documents re liner plate. Certificate of Svc encl. Related correspondence. HARTMAN, S.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HARTMAN, S.L. Bishop, Liberman, Cook, Purcell & Reynolds. #484 257. 84/11/20. Citizens Association for Sound Energy. 7pp. 27600:120. 24X Fiche: 50-445, 84/11/20, 8411210424.
- 8411260004 Forwards five documents re EG&G rept formerly withheld, per CASE motion to compel production of documents from NRC staff. NRC elected not to interpose privilege claims. Related correspondence. TREBY, S.A. Hearing Branch 1. #484 264. 84/11/20. ROISMAN, A.Z. Trial Lawyers for Public Justice. 14pp. 27613:144. 24X Fiche: 50-445, 84/11/20, 8411260004.
- 8411260098 Response to CASE third motion for summary disposition re lack of independence &/or credibility of CYGNA. Consideration of motions of CYGNA Phase 1 & 2 rept should be denied until safety evaluation filed. Certificate of Svc encl. BACHMANN, R.G., MIZUNO, G.S. Hearing Branch 1. #484 267. 84/11/20. Atomic Safety and Licensing Board Panel. 9pp. 27616:334. 24X Fiche: 50-445, 84/11/20, 8411260098.
- 8411270348 Forwards affidavit of witness J Doyle which was attached to fourth round response to applicant reply to CASE answer to applicant motion for summary disposition re upper lateral restraint beam. ELLIS, J. Citizens Association for Sound Energy. #484 285. 84/11/20. Docketing & Services Branch. 1p. 27629:040. 24X Fiche: 50-445, 84/11/20, 8411270348.
- 8411270352 Fourth round response to applicant reply to CASE answer to applicant motion for summary disposition re upper lateral restraint beam. ELLIS, J. Citizens Association for Sound Energy. 84/11/20. Atomic Safety and Licensing Board Panel. 6pp. 27629:041. 24X Fiche: 50-445, 84/11/20, 8411270348.
- 8411270355 Affidavit of CASE witness J Doyle supporting fourth round response to applicant reply to CASE answer to applicant motion for summary disposition re upper lateral restraint beam. Certificate of Svc encl. DOYLE, J. Citizens Association for Sound Energy. 84/11/20. 23pp. 27629:047. 24X Fiche: 50-445, 84/11/20, 8411270348.
- 8411270412 Requests delay in responding to applicant third round responses until ASLB rules on 841115 motion for reconsideration so CASE can determine depth & specificity of response. ELLIS, J. Citizens Association for Sound Energy. #484 286. 84/11/20. BLOCH, P.B., JORDAN, W.H., MCCOLLOM, K.A. Atomic Safety and Licensing Board Panel. 1p. 27628:194. 24X Fiche: 50-445, 84/11/20, 8411270412.
- 8411260012 Statement re reasons util did not file J Cole deficiency paper, per ASLB 841109 memorandum. Certificate of Svc encl. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. #484 273. 84/11/23. Atomic Safety and Licensing Board Panel. 4pp. 27613:288. 24X Fiche: 50-445, 84/11/23, 8411260012.
- 8411280269 Motion to vacate ASLB 841116 memorandum re Lipinsky privileges, on grounds that memorandum in error & should not be part of record. Record contradicts ASLB findings which denied atty-client privilege. Certificate of Svc encl. KNOTTS, J.B. Bishop, Liberman, Cook, Purcell & Reynolds. #484 312. 84/11/26. Atomic Safety and Licensing Board Panel. 16pp. 27666:340. 24X Fiche: 50-445, 84/11/26, 8411280269.
- 8411290348 Responds to 841011-12 ltrs to Commission re CASE & GAF comments on OL application proceedings, NRC efforts to assure that facilities designed, constructed properly & will operate safely supported. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 338. 84/11/26. PALLADINO, N.J., ASSELSTINE, J.K., BERNTHAL, F.M. Commissioners. 3pp. 27676:280. 24X Fiche: 50-445, 84/11/26, 8411290348.
- 8411290304 Forwards Rev 1 to program plan & issue-specific action plans. Related correspondence. REYNOLDS, N.S. Bishop, Liberman, Cook, Purcell & Reynolds. REYNOLDS, N.S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 320. 84/11/27. BLOCH, P.B., MCCOLLOM, K.A., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27678:019. 24X Fiche: 50-445, 84/11/27, 8411290304.
- 8411290334 Index of documents authorized by JJ Lipinsky to be introduced into evidence. Certificate of Svc encl. Related correspondence. ROISMAN, A.Z. Citizens Association for Sound Energy. ROISMAN, A.Z. Trial Lawyers for Public Justice. #484 321. 84/11/27. 6pp. 27676:283. 24X Fiche: 50-445, 84/11/27, 8411290334.
- 8411290341 Forwards original signature page of affidavit of JC Finneran re CASE answer concerning A500 steel sent on 841116. Related correspondence. HORIN, W.A. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HORIN, W.A. Bishop, Liberman, Cook, Purcell & Reynolds. #484 325. 84/11/27. CLEMENTS, W.L. Docketing & Services Branch. 2pp. 27676:069. 24X Fiche: 50-445, 84/11/27, 8411290341.
- 8411290358 Answer to CASE 841102 third motion for summary disposition re lack of independence &/or credibility of CYGNA. Motion should be denied or dismissed. Certificate of Svc encl. REYNOLDS, N.S. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). REYNOLDS, N.S. Bishop, Liberman, Cook, Purcell & Reynolds. #484 324. 84/11/27. Atomic Safety and Licensing Board Panel. 10pp. 27676:270. 24X Fiche: 50-445, 84/11/27, 8411290358.
- 8411290371 Forwards signature pages of WE Baker affidavit attached to 841109 response to Board request for addl info re weld repair hold point & JC Finneran affidavit on CASE 841119 motion re U-bolts. Related correspondence. PHILIPS, M.H. Bishop, Liberman, Cook, Purcell & Reynolds. PHILIPS, M.H. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 329. 84/11/27. CLEMENTS, W.L. Docketing & Services Branch. 1p. 27676:174. 24X Fiche: 50-445, 84/11/27, 8411290371.
- 8411290381 Signature page of WE Baker affidavit re in-process weld repair hold point. Related correspondence. BAKER, W.E. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/09. 1p. 27676:175. 24X Fiche: 50-445, 84/11/27, 8411290371.
- 8411290387 Signature page of JC Finneran affidavit re cinching down U-bolts. Related correspondence. FINNERAN, J.C. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/19. 1p. 27676:176. 24X Fiche: 50-445, 84/11/27, 8411290371.
- 8411290375 Responds to ASLB 841102 memorandum & order re relevance of parts of Ofc of Investigation repts listed in Board Notification 84-149 to licensing procedure. VS Noonan affidavit encl. Related correspondence. BERRY, G.A. Hearing Branch 1. #484 340. 84/11/27. BLOCH, P.B., JORDAN, W.H., GROSSMAN, H. Atomic Safety and Licensing Board Panel. 2pp. 27676:177. 24X Fiche: 50-445, 84/11/27, 8411290375.
- 8411290392 Affidavit of VS Noonan re relevance of Ofc of Investigation Rept G4-83-026 & 840207 suppl to licensing procedure. Related correspondence. NOONAN, V.S. Comanche Peak Technical Review Team. 84/11/26. 2pp. 27676:179. 24X Fiche: 50-445, 84/11/27, 8411290375.
- 8411290352 Requests approval of encl executed protective agreements between CASE & Westinghouse & CASE & ITT Grinnell Corp re mats considered proprietary to companies provided to CASE. Related correspondence. HORIN, W.A. Bishop, Liberman, Cook, Purcell & Reynolds. HORIN, W.A. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 334. 84/11/28. BLOCH, P.B., MCCOLLOM, K.A., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27676:060. 24X Fiche: 50-445, 84/11/28, 8411290352.
- 8411290365 Stipulation re certain mats considered proprietary by Westinghouse provided to CASE re util motion for summary disposition concerning design GA. Related correspondence. ELLIS, J., BOLTZ, B. Citizens Association for Sound Energy. * Westinghouse Electric Corp. 84/10/21. 4pp. 27676:061. 24X Fiche: 50-445, 84/11/28, 8411290352.
- 8411290373 Stipulation re certain mats considered proprietary by ITT Grinnell Corp provided to CASE re util motion for summary disposition concerning design GA. Related correspondence. ELLIS, J., BOLTZ, B. Citizens Association for Sound Energy. MCKENNEY, R. ITT Grinnell Corp. (subs. of ITT Corp.). 84/10/21. 4pp. 27676:065. 24X Fiche: 50-445, 84/11/28, 8411290352.

DOCKETED ITEMS

29

K. Utility Final Safety Analysis Report (FSAR) & amends

841150056 Forwards Amend 53 to FSAR for Comanche Peak Steam Electric Station.
CLEMENTS, B.R. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/12. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27510:001. 24X Fiche: 50-445, 84/11/12, 841150056.

--841150066 Amend 53 to FSAR for Comanche Peak Steam Electric Station.
* Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/05. 40pp. 27510:005. 24X Fiche: 50-445, 84/11/12, 841150056.

Q. Inspection reports, IE Bulletins & correspondence

8411260277 Forwards Rev O to DC-3, "Cable Tray Support Design Review Criteria" & Rev 1 to TR-3501-1, "Generic Response to NRC IE Bulletin 79-02 Base Plate/Concrete Expansion Anchor Bolts," in response to 840417 request. W/o encl.
OLDAG, D. CYGNA Energy Services. 84/04/18. ELLIS, J. Citizens Association for Sound Energy. App. 27615:112. 24X Fiche: 50-445, 84/04/18, 8411260277.

8411060513 Forwards Insp Repts 50-445/84-22 & 50-446/84-07 on 840519-0721 & notice of violation.
BANGART, R.L. Region 4, Office of Director. 84/10/11. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 2pp. 27350:339. 24X Fiche: 50-445, 84/10/11, 8411060513.

--8411060525 Insp Repts 50-445/84-22 & 50-446/84-07 on 840519-0721. Violations noted: failure to maintain positive pressure on electrical penetrations & failure to document as-built configuration of seismic shock suppressor.
CUMMINS, J.E., PHILLIPS, H.S., HUNNICUTT, D.M. Region 4, Office of Director. 84/10/02. 18pp. 27350:344. 24X Fiche: 50-445, 84/10/11, 8411060513.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:139. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411280409 Forwards interim evaluation rept re emergency response capability conformance w/Reg Guide 1.97 Rev 2, prepared by E3&Q Idaho. Rept addresses info provided in util 820630, 830415, 1024 & 840625 ltrs per SSER 4 (NUREG-0797).
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/15. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 1p. 27683:341. 24X Fiche: 50-445, 84/11/15, 8411280409.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BHRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

S. Reportable occurrences, LERS & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

8411060509 Provides addl info re reactor coolant thermal barrier rupture to clarify author 841009 comparison of Cygna concerns & Westinghouse Part 21 rept on Westinghouse designed closed cooling water sys.
WILLIAMS, N.H. CYGNA Energy Services. 84/10/22. BURWELL, S. NRC - No Detailed Affiliation Given. GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 3pp. 27311:360. 24X Fiche: 50-445, 84/10/22, 8411060509.

841130642 Interim Deficiency Rept SDAR-136 re temp envelope requirements on environ qualification of equipment outside containment for high energy line breaks. Initially reported on 840604. Next rept will be submitted by 850401.
CLEMENTS, B.R. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/10/31. HUNTER, D.R. Region 4, Office of Director. 1p. 27462:044. 24X Fiche: 50-445, 84/10/31, 841130642.

841140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 841140052.

8411070209 Request for extension of deadline until 841108 to file response to ASLB 841102 memorandum. Delay in response due to delay in svc of memorandum. Certificate of Svc encl.
HARTFORD, S.L. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). HARTFORD, S.L. Bishop, Liberman, Cook, Purcell & Reynolds. #484 005. 84/11/06. Atomic Safety and Licensing Board Panel. 4pp. 27353:184. 24X Fiche: 50-445, 84/11/06, 8411070209.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

841140344 Forwards revised Page 3-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 841140344.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

841150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modifed auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 841150011.

841120222 Deficiency Rept SDAR-147 re Conax penetration connectors. Initially reported on 840824. Evaluation continuing. Next rept will be submitted by 841207.
CLEMENTS, B.R. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/11/08. HUNTER, D.R. Region 4, Office of Director. 1p. 27606:075. 24X Fiche: 50-445, 84/11/08, 841120222.

DOCKETED ITEMS

8411260049 Responds to Generic Ltr 84-15. "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing. RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche: 50-000, 84/11/16, 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts." RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

--8411290233 "Investigation of Types AN & AH Piston Skirts." * Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

T. Hearing transcripts on non-antitrust matters

8411020204 Board Notification 84-174: follows up on Board Notification 84-160 & summarizes 841019 meeting w/util re applicant 841008 plan for resolution of NRC requests for addl info re electrical & instrumentation program. EISENHUT, D.G. Division of Licensing. 84/10/26. BLOCH, P. Atomic Safety and Licensing Board Panel. 3pp. 27400:137. 24X Fiche: 50-445, 84/10/26, 8411020204.

--8411090313 Transcript of 841019 meeting in Bethesda, MD re util response to technical review team 841018 review. Pp 1-130. * NRC - No Detailed Affiliation Given. 84/10/19. 200pp. 27400:143. 24X Fiche: 50-445, 84/10/26, 8411020204.

841150278 Summary of 841019 meeting w/util in Bethesda, MD re resolution of requests for addl info from Technical Review Team effort described in 840919 ltr. Transcript of meeting encl. VIETTI, A. Comanche Peak Technical Review Team. 84/10/26. Division of Licensing. 3pp. 27530:068. 24X Fiche: 50-445, 84/10/26, 841150278.

841140508 Summary of 841023 meeting w/util, Govt Accountability Project/CASE, Dallas Morning News, Dallas Times Herald & TERA Corp in Bethesda, MD re applicant 841008 plan for resolution of NRC requests for addl info. Transcript of meeting encl. VIETTI, A. Division of Licensing. 84/11/01. Division of Licensing. 3pp. 27527:269. 24X Fiche: 50-445, 84/11/01, 841140508.

8411070108 Board Notification 84-175: summarizes 841023 meeting w/util to discuss 841008 plan for resolution of technical review team 840918 requests for addl info re electrical, instrumentation, civil/structural & test programs. EISENHUT, D.G. Division of Licensing. 84/11/02. BLOCH, P. Consolidated Edison Co. of New York, Inc. 3pp. 27425:268. 24X Fiche: 50-445, 84/11/02, 8411070108.

--841120279 Forwards transcript of 841023 meeting w/util to discuss plan for resolution of technical review team 840918 requests for addl info. VIETTI, A. Division of Licensing. 84/11/01. Division of Licensing. 1p. 27425:271. 24X Fiche: 50-445, 84/11/02, 8411070108.

--841120287 Transcript of 841023 meeting w/util & technical review team in Bethesda, MD re 841008 plan for resolution of technical review team 840918 requests for addl info re electrical, instrumentation, civil/structural & test programs. Pp 1-99. * NRC - No Detailed Affiliation Given. 84/10/23. 173pp. 27425:274. 24X Fiche: 50-445, 84/11/02, 8411070108.

8411090332 Forwards prefiled testimony of JJ Lipinsky, RB Roth, RA Trallo & JJ Norris. J Gallo 841104 brief in support of Lipinsky privilege & affidavit of JJ Lipinsky. Related correspondence. GALLO, J. Isham, Lincoln & Beale. #484 035. 84/11/05. BLOCH, P.B. Atomic Safety and Licensing Board Panel. 1p. 27398:337. 24X Fiche: 50-445, 84/11/05, 8411090332.

--8411090339 Testimony of JJ Lipinsky, RB Roth, RA Trallo & JJ Norris re consulting agreement between DB Cannon & Son, Inc & util &

Oliver B. Cannon & Son, Inc.
84-11-05.

testimony in
itted from
sted

non & Son, Inc. #484
JORDAN, W.H. Atomic Safety
49. 24X

841190264 Transcript of 841115 telephone prehearing conference in Bethesda, MD. Pp 19,430-19,482. * Atomic Safety and Licensing Board Panel. 84/11/15. 52pp. 27551:306. 24X Fiche: 50-445, 84/11/15, 841190264.

8411210027 Transcript of 841116 telcon prehearing conference in Bethesda, MD. Pp 19,483-19,585. * Atomic Safety and Licensing Board Panel. 84/11/16. 102pp. 27590:182. 24X Fiche: 50-445, 84/11/16, 8411210027.

8411200306 Forwards marked-up testimony of JJ Lipinsky & JJ Norris re protective coatings program. Related correspondence. WATKINS, M. Bishop, Liberman, Cook, Purcell & Reynolds. WATKINS, M. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 184. 84/11/17. BLOCH, P.B., GROSSMAN, H., JORDAN, W.H. Atomic Safety and Licensing Board Panel. 1p. 27576:246. 24X Fiche: 50-445, 84/11/17, 8411200306.

8411260177 Transcript of 841119 hearing in Bethesda, MD. Pp 19,586-19,846. * Atomic Safety and Licensing Board Panel. 84/11/19. 260pp. 27614:210. 24X Fiche: 50-445, 84/11/19, 8411260177.

8411280313 Transcript of 841120 hearing in Bethesda, MD. Pp 19,847-20,179. * Atomic Safety and Licensing Board Panel. 84/11/20. 332pp. 27661:080. 24X Fiche: 50-445, 84/11/20, 8411280313.

8411270320 Prefiled testimony of CT Brandt re CASE further evidence of GC breakdown in const. installation & insp of stainless steel liner plate. Certificate of Svc encl. Related correspondence. BRANDT, C.T. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). #484 291. 84/11/21. 42pp. 27630:236. 24X Fiche: 50-445, 84/11/21, 8411270320.

8411280259 Transcript of 841121 hearing in Bethesda, MD. Pp 19,847-20,450. Supporting documentation encl. * Atomic Safety and Licensing Board Panel. 84/11/21. 272pp. 27666:046. 24X Fiche: 50-445, 84/11/21, 8411280259.

8411280285 Transcript of 841126 hearing in Washington, DC. Pp 20,451-20,774. Supporting documentation encl. * Atomic Safety and Licensing Board Panel. 84/11/26. 320pp. 27667:343. 24X Fiche: 50-445, 84/11/26, 8411280285.

8411290272 Transcript of 841127 hearing in Bethesda, MD. Pp 20,775-21,091. Supporting documentation encl. * Atomic Safety and Licensing Board Panel. 84/11/27. 317pp. 27678:297. 24X Fiche: 50-445, 84/11/27, 8411290272.

DOCKET STN-50-447 GESSAR-238

A. Application/construction stage documents & correspondence

8411290189 Appeals denial of FOIA request for info re GESSAR-II PRA. SHOLLY, S.C. Union of Concerned Scientists. 84/04/05. DIRCKS, W. Office of the Executive Director for Operations. 2pp. 27690:049. 24X Fiche: 50-447, 84/04/05, 8411290189.

DOCKET STN-50-454 BYRON STATION, UNIT 1

A. Application/construction stage documents & correspondence

8411090283 Forwards Rev 2 to Acedure BAP 300-35. "Byron Station Process Control Program Cement Sys." Attachment a should be withheld (ref 10CFR2.790). TRAMM, T.R. Commonwealth Edison Co. 84/10/12. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27402:092. 24X Fiche: 50-454, 84/10/12, 8411090283.

--8411090285 Rev 2 to Procedure BAP 300-35 "Byron Station Process Control Program Cement Sys." * Commonwealth Edison Co. 84/10/12. 8pp. 27402:093. 24X Fiche: 50-454, 84/10/12, 8411090283.

8411010146 Forwards complete & corrected Tech Specs & author 841012 memo for transmittal to applicant. List of changes provided. Tech Specs not subj to further change prior to decision on issuance of OL W/o memo. CRUTCHFIELD, D. Assistant Director for Safety Assessment. 84/10/19. NOVAK, T.M. Assistant Director for Licensing. 54pp. 27261:020. 24X Fiche: 50-454, 84/10/19, 8411010146.

DOCKETED ITEMS

295

8411010410 Advises of completion of review of 840928 proposal to defer preoperational testing of auxiliary bldg ventilation & containment purge sys to period between fuel loading & 25% power. Justifications for deferrals acceptable.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/19. FARRAR, D. L. Commonwealth Edison Co. 3pp. 27251:330. 24X Fiche: 50-454, 84/10/19, 8411010410.

8411090378 Forwards page changes to incorporate interim Tech Specs acceptable to staff, changes to tables of motor-operated valve thermal overload protection & clarifications & corrections for final draft Tech Specs.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/19. FARRAR, D. L. Commonwealth Edison Co. 5pp. 27424:001. 24X Fiche: 50-454, 84/10/19, 8411090378.

8411010465 Advises of completion of review of 841010 ltr containing results of methyl radioiodine tests on charcoal absorbent utilized in ventilation sys absorbers. Efficiencies for batches suitable for installation.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/22. FARRAR, D. L. Commonwealth Edison Co. 3pp. 27265:070. 24X Fiche: 50-454, 84/10/22, 8411010465.

8411080215 Provides confirmation that Tech Specs prepared for Byron 1 accurately reflect as-built plant & Amend 45 to Byron/Braidwood FSAR in response to BJ Youngblood 840827 ltr to DL Farrar.
REED, C. Commonwealth Edison Co. 84/10/23. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27392:253. 24X Fiche: 50-000, 84/10/23, 8411080215.

8411070091 Provides addl info re operating of facility pending final resolution of questions from Reactor Sys Branch. Info submitted to permit finalization of DL Revised wording for license condition encl.
TRAMM, T. R. Commonwealth Edison Co. 84/10/24. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 3pp. 27364:029. 24X Fiche: 50-454, 84/10/24, 8411070091.

8411130728 Forwards Tech Specs re limiting conditions for operation & surveillance requirements. Tech Specs include page changes to incorporate change to UHS & addl corrections & clarifications.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/26. FARRAR, D. L. Commonwealth Edison Co. 7pp. 27471:236. 24X Fiche: 50-454, 84/10/26, 8411130728.

8411070032 Forwards justification for 841018 request for exemptions from requirements of 10CFR50, App A, GDC 2.3, 13, 17 & 19 in support of License Conditions 4, 6, 12 & 18.
DELGEORGE, L. D. Commonwealth Edison Co. 84/10/29. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 15pp. 27360:126. 24X Fiche: 50-454, 84/10/29, 8411070032.

8411070048 Submits confirmation under oath that work underway to resolve remaining questions from Reactors Sys Branch will be completed on schedules identified in 841012 & 24 ltrs. Imposition of License Condition 20 & 21 unnecessary.
TRAMM, T. R. Commonwealth Edison Co. 84/10/29. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27356:284. 24X Fiche: 50-454, 84/10/29, 8411070048.

8411070073 Forwards justification for exemption from requirements of 10CFR50, App A, GDC 4 & 2 re protection from postulated breaks or cracks in high energy & moderate energy lines & steam generator snubbers.
DELGEORGE, L. D. Commonwealth Edison Co. 84/10/30. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 5pp. 27364:015. 24X Fiche: 50-454, 84/10/30, 8411070073.

8411070036 Provides justification for 830302 request to utilize ASME Code Case N-340 re alternate rules for exam of weld edge preparation & ultrasonic exam of completed weld per NRC 830503 request.
SMITH, D. H. Commonwealth Edison Co. 84/11/02. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27360:087. 24X Fiche: 50-000, 84/11/02, 8411070036.

E. NRC Safety Evaluation Report (SER), suppls & correspondence

8411140030 Forwards SSER 5 (NUREG-0876), w/o encl.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/31. FARRAR, D. L. Commonwealth Edison Co. 3pp. 27496:354. 24X Fiche: 50-454, 84/10/31, 8411140030.

8411200507 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF BYRON STATION, UNITS 1 AND 2. Docket Nos. 50-454 And 50-455. (Commonwealth Edison Company)
* Division of Licensing. NUREG-0876 S05. 84/10/31. 178pp. Available at NRC. \$6.00. 27588:057. 24X Fiche: 50-454, 84/10/31, 8411200507.

8411190025 Forwards SSER 5, previously served on parties, w/o encl. Related correspondence.
LEWIS, S. H. Hearing Branch 2. #484 174. 84/11/14. ROSENTHAL, A. S., GOTCHY, R. L., WILBER, H. A. Atomic Safety and Licensing Appeal Panel. 2pp. 27555:280. 24X Fiche: 50-454, 84/11/14, 8411190025.

F. Security, medical, emergency & fire protection plans

8411080139 Revs to emergency implementing procedures, including BZP 310-2 re nuclear accident reporting sys form, BZP 500-T1 re checklist - communication checks & BZP 310-4 re assembly & evacuation of personnel.
* Commonwealth Edison Co. 84/10/23. 20pp. 27393:020. 24X Fiche: 50-454, 84/10/23, 8411080139.

8411080187 Rev 1 to Emergency Plan Implementing Procedure BZP 400-1, "Role & Staffing of Technical Support Ctr (Primary Responsibility-Station Director)."
* Commonwealth Edison Co. 84/10/24. 6pp. 27392:284. 24X Fiche: 50-454, 84/10/24, 8411080187.

8411070096 Provides revised commitment re schedule for installation of fire hazards panel described in util 830617 ltr. Rev provided to resolve NRC concern re deadline for completion of mods required by Condition 6(f) in draft license.
TRAMM, T. R. Commonwealth Edison Co. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27364:086. 24X Fiche: 50-454, 84/10/26, 8411070096.

8411160334 Revised environ emergency plan implementing procedures including EQ-1 re coordination of environ group activities & EQ-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR.
THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022. 24X Fiche: 50-000, 84/10/31, 8411160334.

8411070150 Forwards Amend 5 to fire protection rept submitted on 820816. Changes summarized.
TRAMM, T. R. Commonwealth Edison Co. 84/11/02. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 5pp. 27367:109. 24X Fiche: 50-000, 84/11/02, 8411070150.

--8411070153 Amend 5 to fire protection rept.
* Commonwealth Edison Co. 84/10/31. 75pp. 27367:114. 24X Fiche: 50-000, 84/11/02, 8411070150.

8411130203 Board Notification 84-176: forwards GA & emergency preparedness related documents & application for amend to License 12-05650-18.
NOVAK, T. M. Assistant Director for Licensing. 84/11/07. ROSENTHAL, A. S., GOTCHY, R. L., WILBER, H. A. Atomic Safety and Licensing Appeal Panel. 3pp. 27537:201. 24X Fiche: 50-454, 84/11/07, 8411130203.

--8411150168 Application for amend to License 12-05650-18, authorizing wet storage of Cf startup sources in new fuel assemblies. Issuance of amend by 841005 would permit adequate time for source relocation.
TRAMM, T. R. Commonwealth Edison Co. 84/09/25. KEPPLER, J. G. Region 3, Office of Director. 11pp. 27537:211. 24X Fiche: 50-454, 84/11/07, 8411130203.

8411200164 Rev 2 to Procedure BZP 500-1, "Operation Checks of Communication Sys."
* Commonwealth Edison Co. 84/11/09. 5pp. 27578:147. 24X Fiche: 50-454, 84/11/09, 8411200164.

8411280516 Forwards request for addl info re safety parameter display sys. Info requested within 60 days.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/09. FARRAR, D. L. Commonwealth Edison Co. 7pp. 27682:235. 24X Fiche: 50-000, 84/11/09, 8411280516.

G. Adjudicatory correspondence

8411050424 Expresses concerns re flaws in plant const & NRC outstanding items.
IZELINSKI Affiliation Not Assigned. #484 883. 84/08/18. SMITH, I. NRC - No Detailed Affiliation Given. 3pp. 27297:163. 24X Fiche: 50-454, 84/08/18, 8411050424.

8411060537 Forwards util supplemental response to J Keppler re evaluation of slenderness ratio & lateral unbraced length limitations on component support steel members. Svc list encl. Related correspondence.
MILLER, M. I. Isham, Lincoln & Seale. MILLER, M. I. Commonwealth Edison Co. #484 976. 84/10/23. SMITH, I. W., COLE, R. F., CALLIHAN, A. D. Atomic Safety and Licensing Board Panel. 2pp. 27395:265. 24X Fiche: 50-454, 84/10/23, 8411060537.

DOCKETED ITEMS

--8411060540 Forwards supplemental info re evaluation of slenderness ratio & lateral unbraced length limitations on component support steel members. Mod control plan encl. Related correspondence.
DELGEORGE, L.D. Commonwealth Edison Co. 84/10/22. KEPPLER, J.G. Region 3, Office of Director. 40pp. 27395:267. 24X Fiche: 50-454, 84/10/23, 8411060537.

8411020554 Memorandum informing that Commissioner Bernthal will tour plant on 841109. Requests notification by 841107 of representative of any party to proceeding wishing to attend. Served on 841101.
* Commissioners. #484 878. 84/11/01. 1p. 27261:157. 24X Fiche: 50-454, 84/11/01, 8411020554.

8411050441 Memorandum & order denying Rockford League of Women Voters & DAARE/SAFE motion to reopen record to litigate design of plant. Served on 841102.
COLE, R.F., SMITH, I.W. Atomic Safety and Licensing Board Panel. #484 881. 84/11/02. League of Women Voters of Rockford, IL. 16pp. 27298:017. 24X Fiche: 50-454, 84/11/02, 8411050441.

8411050443 Order modifying ASLB 841019 memo re briefing schedule. Intervenor brief in support of challenge to ASLB 841016 supplemental initial decision to be filed by 841106. Responsive briefs to be filed by 841123. Served on 841102.
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #484 880. 84/11/02. Office of the Executive Legal Director. 2pp. 27298:033. 24X Fiche: 50-454, 84/11/02, 8411050443.

8411060570 Informs of Chairman Pallading 841130 tour of facility. Party representatives invited to attend. Notification of attendance should be made by 841127. Served on 841106.
GARNER, D.J. Commissioners. #484 953. 84/11/05. Office of the Executive Legal Director. 1p. 27326:244. 24X Fiche: 50-454, 84/11/05, 8411060570.

8411090268 Supplemental brief on appeal of ASLB 841016 supplemental initial decision granting authority for issuance of OL. Decision should be reversed. Certificate of Svc encl.
WRIGHT, T.W. League of Women Voters of Rockford, IL. WRIGHT, T.W. DeKalb Area Alliance for Responsible Energy. #484 032. 84/11/06. Atomic Safety and Licensing Appeal Panel. 36pp. 27399:309. 24X Fiche: 50-454, 84/11/06, 8411090268.

8411090460 Order instructing all parties to present 1 h oral argument on 841129 in Bethesda, MD re intervenor challenge to ASLB 841016 supplemental initial decision. Served on 841109.
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. #484 060. 84/11/08. Office of the Executive Legal Director. 2pp. 27416:095. 24X Fiche: 50-454, 84/11/08, 8411090460.

8411150277 Informs that further ASLB proceedings re emergency planning stipulation unnecessary due to lapsed time in filing petition for hearing concerning Commitment W. Intervenor do not intend to file petition.
BIELANSKI, A.P. Isham, Lincoln & Beale. #484 135. 84/11/09. SMITH, I.W., COLE, R.F., DIXON, A. Atomic Safety and Licensing Board Panel. 2pp. 27528:107. 24X Fiche: 50-454, 84/11/09, 8411150277.

8411190374 Advises that arguments will be presented on behalf of intervenors Rockford League of Women Voters, DeKalb Area Alliance for Responsible Energy & Sinnissippi Alliance for Environ. per 841108 order.
WRIGHT, T.W. Business & Professional People for the Public Interest. #484 165. 84/11/13. TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel. 1p. 27553:362. 24X Fiche: 50-454, 84/11/13, 8411190374.

8411190025 Forwards SSER 5, previously served on parties. W/o encl. Related correspondence.
LEWIS, S.H. Hearing Branch 2. #484 174. 84/11/14. ROSENTHAL, A.S., GOTHY, R.L., WILBUR, H.A. Atomic Safety and Licensing Appeal Panel. 2pp. 27555:280. 24X Fiche: 50-454, 84/11/14, 8411190025.

8411270319 Brief in opposition to Rockford League of Women Voters & DeKalb Area Alliance for Responsible Energy/Sinnissippi Alliance for Environ 841106 suppl brief on appeal of ASLB Initial Decision LBP-84-41. Certificate of Svc encl.
LEWIS, S.H. Hearing Branch 2. #484 297. 84/11/23. Atomic Safety and Licensing Appeal Panel. 3pp. 27630:278. 24X Fiche: 50-454, 84/11/23, 8411270319.

1 appeal brief in response to Intervenor 841106 appeal & in support of ASLB 841016 sion authorizing issuance of OL.

Co. MILLER, M.I. Isham, Lincoln & omic Safety and Licensing Appeal he: 50-454, 84/11/23, 8411270333.

8411270380 Informs that author will represent NRC staff at 841129 oral argument, per ASLB 841108 order.
LEWIS, S.H. Hearing Branch 2. #484 298. 84/11/23. ROSENTHAL, A.S., GOTHY, R.L., WILBUR, H.A. Atomic Safety and Licensing Appeal Panel. 2pp. 27628:250. 24X Fiche: 50-454, 84/11/23, 8411270380.

J. Insurance & indemnity information

8411290322 Unexecuted Amend 1 to Indemnity Agreement B-97, changing Item 2a in entirety.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/10/30. 2pp. 27698:350. 24X Fiche: 50-454, 84/10/30, 8411290322.

P. Operating license stage documents & correspondence

8411160469 Forwards License NPF-23, nonradiological environ protection plan & FR notice of issuance. License authorizes operation at 100% power.
EISENHUT, D.G. Division of Licensing. 84/10/31. FARRAR, D.L. Commonwealth Edison Co. 5pp. 27546:229. 24X Fiche: 50-454, 84/10/31, 8411160469.

--8411160471 License NPF-23 for Byron Station Unit 1.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/10/31. 13pp. 27546:234. 24X Fiche: 50-454, 84/10/31, 8411160469.

--8411160475 Environ protection plan (nonradiological) for facility, App B to License NPF-23.
* Office of Nuclear Reactor Regulation, Director. 84/10/31. 16pp. 27546:247. 24X Fiche: 50-454, 84/10/31, 8411160469.

--8411160480 Notice of issuance of License NPF-23.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/31. 8pp. 27546:263. 24X Fiche: 50-454, 84/10/31, 8411160469.

8411160595 TECHNICAL SPECIFICATIONS FOR BYRON STATION UNIT 1. Docket No. 50-454, (Commonwealth Edison Co.)
MODON, C.W. Division of Licensing. NUREG-1097. 84/10/31. 485pp. 27562:001. 24X Fiche: 50-454, 84/10/31, 8411160595.

8411200134 Forwards request for addl info re concerns expressed by intervenors expert witness in remanded Byron hearing, in response to util 841012 ltr. Response to encl info requested by 841126.
STREETER, J.F. Region 3, Office of Director. 84/11/14. REED, C. Commonwealth Edison Co. 4pp. 27579:258. 24X Fiche: 50-000, 84/11/14, 8411200134.

8411200128 Forwards proposed alternative pipe break criteria for immediate review. Criteria would obviate need to postulate arbitrary intermediate pipe breaks. Meeting can be arranged to discuss submittal.
SWARTZ, E.D. Commonwealth Edison Co. 84/11/15. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 27pp. 27578:163. 24X Fiche: 50-000, 84/11/15, 8411200128.

8411270295 Forwards Revs 3 & 4 to Sections 3.0 & 4.0 to preservice/inservice testing program plans for pumps & valves, respectively, superseding 821104 submittal. NRC 840912 comments & questions addressed.
TRAMM, T.R. Commonwealth Edison Co. 84/11/16. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27635:337. 24X Fiche: 50-454, 84/11/16, 8411270295.

--8411270297 Revs 3 & 4 to Sections 3.0 & 4.0 to preservice/inservice testing program plan for pump valves, respectively.
FLOWERS, D. Commonwealth Edison Co. 84/11/16. 95pp. 27635:338. 24X Fiche: 50-454, 84/11/16, 8411270295.

8411270313 Forwards proprietary & nonproprietary Rev 2 to Procedure BAP 300-35 re process control program for cement radwaste solidification sys provided in 841012 ltr. Proprietary version withheld (ref 10CFR2.790).
TRAMM, T.R. Commonwealth Edison Co. 84/11/20. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27630:077. 24X Fiche: 50-454, 84/11/20, 8411270313.

G. Inspection reports, IE Bulletins & correspondence

8411080405 Forwards comments on program plan for independent design review, per Insp Rept 50-454/83-32. Checklists for Tasks 1-3 & schedule which indicates level of manpower & mix of disciplines at each work location requested.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/06/05. REED, C. Commonwealth Edison Co. 4pp. 27405:268. 24X Fiche: 50-454, 84/06/05, 8411080405.

DOCKETED ITEMS

297

B411060510 Forwards Insp Repts 50-454/84-61 & 50-455/84-42 on 840910-14. No noncompliance noted.
STREETER, J.F. Region 3, Office of Director. 84/10/15. REED, C. Commonwealth Edison Co. 2pp. 27351:359. 24X Fiche: 50-454, 84/10/15, B411060510.

--B411060516 Insp Repts 50-454/84-61 & 50-455/84-42 on 840910-14. No noncompliance or deviations noted. Major areas inspected: action on previous insp findings & operating staff training.
HOLZMER, M.M., BURDICK, T.M., STREETER, J.F. Region 3, Office of Director. 84/10/15. 5pp. 27351:361. 24X Fiche: 50-454, 84/10/15, B411060510.

B411060524 Forwards Insp Rept 50-454/84-64 on 840829-1004. No noncompliance noted.
SPESSARD, R.L. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 2pp. 27350:320. 24X Fiche: 50-454, 84/10/16, B411060524.

--B411060534 Insp Rept 50-454/84-64 on 840829-1004. No noncompliance or deviations noted. Major areas inspected: previous insp findings, integrated design insp followup, preoperational test procedures, preoperational test results & startup program.
RING, M., DUNLOP, A., MCCORMICK-BARG, Region 3, Office of Director. 84/10/16. 12pp. 27350:322. 24X Fiche: 50-454, 84/10/16, B411060534.

B411060545 Forwards Insp Repts 50-454/84-50 & 50-455/84-34 on 840720-0918.
SPESSARD, R.L. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 2pp. 27350:207. 24X Fiche: 50-454, 84/10/16, B411060545.

--B411060548 Notice of violation from insp on 840720-0918.
SPESSARD, R.L. Region 3, Office of Director. 84/10/15. 1p. 27350:209. 24X Fiche: 50-454, 84/10/16, B411060545.

--B411060553 Insp Repts 50-454/84-50 & 50-455/84-34 on 840720-0918. Violation noted: failure to comply w/ASME Code requirements during visual exam.
WARD, K.D., JACOBSEN, J.M., JONES, D.E. Region 3, Office of Director. 84/10/16. 16pp. 27350:210. 24X Fiche: 50-454, 84/10/16, B411060545.

B411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907.
NORELIUS, C.E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 24X Fiche: 50-000, 84/10/16, B411130238.

--B411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16. . . on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites.
SUERMANN, J.F. Region 3, Office of Director. 84/10/12. 5pp. 24X Fiche: 50-000, 84/10/16, B411130238.

B411130537 Forwards Insp Rept 50-454/84-75 on 841010-12. No noncompliance noted.
SPESSARD, R.L. Region 3, Office of Director. 84/10/22. REED, C. Commonwealth Edison Co. 2pp. 27462:188. 24X Fiche: 50-454, 84/10/22, B411130537.

--B411130543 Insp Rept 50-454/84-75 on 841010-12. No noncompliance noted. Major areas inspected: previous insp findings.
WALKER, H.A., HAWKINS, F. Region 3, Office of Director. 84/10/19. 5pp. 27462:190. 24X Fiche: 50-454, 84/10/22, B411130537.

B411130190 Forwards Insp Repts 50-454/84-72 & 50-455/84-50 on 841003-04. No noncompliance noted.
SPESSARD, R.L. Region 3, Office of Director. 84/10/23. REED, C. Commonwealth Edison Co. 2pp. 27460:103. 24X Fiche: 50-454, 84/10/23, B411130190.

--B411130197 Insp Repts 50-454/84-72 & 50-455/84-50 on 841003-04. No noncompliance noted. Major areas inspected: action on previously identified items.
MENDEZ, R., WILLIAMS, C.C. Region 3, Office of Director. 84/10/19. 4pp. 27460:105. 24X Fiche: 50-454, 84/10/23, B411130190.

B410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
ORACE, J.N. Division of QA, Safeguards & Inspection Programs (Post B30103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, B410250031.

B411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, B411010388.

B411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, B411010487.

B411200199 Forwards Insp Rept 50-454/84-74 on 841010-12. No noncompliance noted.
SPESSARD, R.L. Region 3, Office of Director. 84/11/06. REED, C. Commonwealth Edison Co. 2pp. 27577:011. 24X Fiche: 50-454, 84/11/06, B411200199.

--B411200207 Insp Rept 50-454/84-74 on 841010-12. No noncompliance or deviations noted. Major areas inspected: verification of corrective actions taken in response to findings identified in Insp Repts 50-454/83-62 & 50-454/84-60.
RAMBEY, C., ULIE, J., REYES, L.A. Region 3, Office of Director. 84/11/06. 11pp. 27577:013. 24X Fiche: 50-454, 84/11/06, B411200199.

B411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, B411060254.

B411130580 Board Notification 84-177: forwards listed documents re facility GA.
NOVAK, T.M. Assistant Director for Licensing. 84/11/09. ROSENTHAL, A.S., GOTCHY, R.L., WILBER, H.A. Atomic Safety and Licensing Appeal Panel. 2pp. 27533:236. 24X Fiche: 50-454, 84/11/09, B411130580.

B411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, B411150041.

B411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, B411150072.

B411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post B30103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, B411150054.

B411270424 Forwards addl info re actions taken in response to Integrated Design Insp Rept 50-454/83-32. Project instruction under development for post-fuel load design changes will reinforce need to update FSAR.
TRAMM, T.R. Commonwealth Edison Co. 84/11/20. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 31pp. 27628:160. 24X Fiche: 50-454, 84/11/20, B411270424.

S. Reportable occurrences, LERs & related correspondence

B411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, B411190524.

B411260400 Part 21 rept re HEXCEL/MCI pipe restraints found w/average dynamic crush strength values below acceptable values. Initially reported on B41101. Replacement program in progress.
PRESTON, R.S. Hexcel Corp. 84/11/08. MARTIN, J.B. Region 5, Office of Director. 3pp. 27611:235. 24X Fiche: 50-000, 84/11/08, B411260400.

B411260281 PND-III-84-096: on B41116, const workers sent home to eliminate potential sources of electrical noise in nuclear instrumentation used to monitor reactor core during fuel loading. Eight fuel assemblies remain to be loaded.
STRASNA, J., STREETER, J. Region 3, Office of Director. 84/11/16. 1p. 27613:099. 24X Fiche: 50-454, 84/11/16, B411260281.

B411260290 PND-III-84-097: on B41117, licensee completed initial fuel loading after identifying & correcting sources of electrical interference in nuclear instrumentation circuits. Interference caused by faulty cable connectors.
STRASNA, J., STREETER, J. Region 3, Office of Director. 84/11/19. 1p. 27613:027. 24X Fiche: 50-454, 84/11/19, B411260290.

DOCKETED ITEMS

V. Operator Examinations

B411020124 Staff requirements memo re Commission B41022 briefing in Washington, DC re status of near-term OLs & Asselstine request for info on status of operator training & operator exams.
CHILKS, S.J. Office of the Secretary of the Commission. 84/10/24.
DIRCKS, W.J. Office of the Executive Director For Operations. 1p. 27262:286. 24X Fiche: 50-000, 84/10/24, B411020124.

DOCKET STN-50-455 BYRON STATION, UNIT 2

A. Application/construction stage documents & correspondence

B411090283 Forwards Rev 2 to Accedure BAP 300-35, "Byron Station Process Control Program Cement Sys." Attachment a should be withheld (ref 10CFR2.790).
TRAMM, T.R. Commonwealth Edison Co. 84/10/12. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27402:092. 24X Fiche: 50-454, 84/10/12, B411090283.

--B411090285 Rev 2 to Procedure BAP 300-35 "Byron Station Process Control Program Cement Sys."
* Commonwealth Edison Co. 84/10/12. 8pp. 27402:093. 24X Fiche: 50-454, 84/10/12, B411090283.

B411010465 Advises of completion of review of B41010 ltr containing results of methyl radioiodine tests on charcoal absorbent utilized in ventilation sys absorbers. Efficiencies for batches suitable for installation.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/22. FARRAR, D.L. Commonwealth Edison Co. 3pp. 27265:070. 24X Fiche: 50-454, 84/10/22, B411010465.

B411080215 Provides confirmation that Tech Specs prepared for Byron 1 accurately reflect as-built plant & Amend 43 to Byron/Braidwood FSAR, in response to BJ Youngblood 840827 ltr to DL Farrar.
REED, C. Commonwealth Edison Co. 84/10/23. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27392:253. 24X Fiche: 50-000, 84/10/23, B411080215.

B411070091 Provides addl info re operating of facility pending final resolution of questions from Reactor Sys Branch. Info submitted to permit finalization of OL. Revised wording for license condition encl.
TRAMM, T.R. Commonwealth Edison Co. 84/10/24. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27364:029. 24X Fiche: 50-454, 84/10/24, B411070091.

B411070048 Submits confirmation under oath that work underway to resolve remaining questions from Reactors Sys Branch will be completed on schedules identified in B41012 & 24 ltrs. Imposition of License Condition 20 & 21 unnecessary.
TRAMM, T.R. Commonwealth Edison Co. 84/10/29. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27356:284. 24X Fiche: 50-454, 84/10/29, B411070048.

B411160469 Forwards License NPF-23, nonradiological environ protection plan & FR notice of issuance. License authorizes operation at 100% power.
EISENHUT, D.G. Division of Licensing. 84/10/31. FARRAR, D.L. Commonwealth Edison Co. 3pp. 27546:229. 24X Fiche: 50-454, 84/10/31, B411160469.

--B411160475 Environ protection plan (nonradiological) for facility, App B to License NPF-23.
* Office of Nuclear Reactor Regulation, Director. 84/10/31. 16pp. 27546:247. 24X Fiche: 50-454, 84/10/31, B411160469.

B411070036 Provides justification for 830302 request to utilize ASME Code Case N-340 re alternate rules for exam of weld edge preparation & ultrasonic exam of completed weld, per NRC 830503 request.
SMITH, D.H. Commonwealth Edison Co. 84/11/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27360:087. 24X Fiche: 50-000, 84/11/02, B411070036.

B411200134 Forwards request for addl info re concerns expressed by intervenors expert witness in remanded Byron hearing, in response to util B41012 ltr. Response to encl info requested by B41126.
STREETER, J.F. Region 3, Office of Director. 84/11/14. REED, C. Commonwealth Edison Co. 4pp. 27579:258. 24X Fiche: 50-000, 84/11/14, B411200134.

B411200128 Forwards proposed alternative pipe break criteria for immediate review. Criteria would obviate need to postulate arbitrary intermediate pipe breaks. Meeting can be arranged to discuss submittal.
SWARTZ, E.D. Commonwealth Edison Co. 84/11/15. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 27pp. 27578:163. 24X Fiche: 50-000, 84/11/15, B411200128.

B411270313 Forwards proprietary & nonproprietary Rev 2 to Procedure BAP 300-35 re process control program for cement radwaste solidification sys provided in B41012 ltr. Proprietary version withheld (ref 10CFR2.790).
TRAMM, T.R. Commonwealth Edison Co. 84/11/20. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27630:077. 24X Fiche: 50-454, 84/11/20, B411270313.

E. NRC Safety Evaluation Report (SER), supls & correspondence

B411140030 Forwards SSER 5 (NUREG-0876). W/o encl.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/31. FARRAR, D.L. Commonwealth Edison Co. App. 27496:354. 24X Fiche: 50-454, 84/10/31, B411140030.

B411200507 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF BYRON STATION, UNITS 1 AND 2. Docket Nos. 50-454 And 50-455. (Commonwealth Edison Company)
* Division of Licensing. NUREG-0876 S05. 84/10/31. 178pp. Available at NRC. \$6.00. 27588:057. 24X Fiche: 50-454, 84/10/31, B411200507.

B411190025 Forwards SSER 5, previously served on parties. W/o encl. Related correspondence.
LEWIS, S.H. Hearing Branch 2. #484 174. 84/11/14. ROSENTHAL, A.S. Atomic Safety and Licensing Appeal Panel. 2pp. 27555:280. 24X Fiche: 50-454, 84/11/14, B411190025.

F. Security, medical, emergency & fire protection plans

B411080139 Revs to emergency implementing procedures, including BZP 310-2 re nuclear accident reporting sys form, BZP 300-T1 re checklist - communication checks & BZP 310-4 re assembly & evacuation of personnel.
* Commonwealth Edison Co. 84/10/23. 20pp. 27393:020. 24X Fiche: 50-454, 84/10/23, B411080139.

B411080187 Rev 1 to Emergency Plan Implementing Procedure BZP 400-1, "Role & Staffing of Technical Support Ctr (Primary Responsibility-Station Director)."
* Commonwealth Edison Co. 84/10/24. 6pp. 27392:284. 24X Fiche: 50-454, 84/10/24, B411080187.

B411160334 Revised environ emergency plan implementing procedures including EG-1 re coordination of environ group activities & EG-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR.
THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022. 24X Fiche: 50-000, 84/10/31, B411160334.

B411070150 Forwards Amend 3 to fire protection rept submitted on B20816 Changes summarized.
TRAMM, T.R. Commonwealth Edison Co. 84/11/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27367:109. 24X Fiche: 50-000, 84/11/02, B411070150.

B411130203 Board Notification 84-176: forwards GA & emergency preparedness related documents & application for amend to License 12-05650-18.
NOVAK, T.M. Assistant Director for Licensing. 84/11/07.
ROTHENTHAL, A.S., GOTCHY, R.L., WILBER, H.A. Atomic Safety and Licensing Appeal Panel. 3pp. 27537:201. 24X Fiche: 50-454, 84/11/07, B411130203.

B411200164 Rev 2 to Procedure BZP 500-1, "Operation Checks of Communication Sys."
* Commonwealth Edison Co. 84/11/09. 5pp. 27578:147. 24X Fiche: 50-454, 84/11/09, B411200164.

B411280516 Forwards request for addl info re safety parameter display sys. Info requested within 60 days.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/09. FARRAR, D.L. Commonwealth Edison Co. 7pp. 27682:235. 24X Fiche: 50-000, 84/11/09, B411280516.

G. Adjudicatory correspondence

B411050424 Expresses concerns re flaws in plant const & NRC outstanding items.
ZIELINSKI Affiliation Not Assigned. #484 883. 84/08/18. SMITH, I. NRC - No Detailed Affiliation Given. 3pp. 27297:163. 24X Fiche: 50-454, 84/08/18, B411050424.

DOCKETED ITEMS

299

8411060537 Forwards util supplemental response to J Keppler re evaluation of slenderness ratio & lateral unbraced length limitations on component support steel members. Svc list encl. Related correspondence.

MILLER, M. I. Isham, Lincoln & Beale. MILLER, M. I. Commonwealth Edison Co. #484 976. 84/10/23. SMITH, I. W., COLE, R. F., CALLIHAN, A. D. Atomic Safety and Licensing Board Panel. 2pp. 27395:265. 24X Fiche: 50-454, 84/10/23, 8411060537.

--8411060540 Forwards supplemental info re evaluation of slenderness ratio & lateral unbraced length limitations on component support steel members. Mod control plan encl. Related correspondence.

DELGEORGE, L. O. Commonwealth Edison Co. 84/10/22. KEPPLER, J. G. Region 3, Office of Director. 40pp. 27395:267. 24X Fiche: 50-454, 84/10/23, 8411060537.

8411020554 Memorandum informing that Commissioner Bernthal will tour plant on 841109. Requests notification by 841107 of representative of any party to proceeding wishing to attend. Served on 841101.

* Commissioners. #484 878. 84/11/01. 1p. 27261:157. 24X Fiche: 50-454, 84/11/01, 8411020554.

8411050441 Memorandum & order denying Rockford League of Women Voters & DAARE/SAFE motion to reopen record to litigate design of plant. Served on 841102.

COLE, R. F., SMITH, I. W. Atomic Safety and Licensing Board Panel. #484 881. 84/11/02. League of Women Voters of Rockford, IL. 16pp. 27298:017. 24X Fiche: 50-454, 84/11/02, 8411050441.

8411050443 Order modifying ASLB 841019 memo re briefing schedule. Intervenor brief in support of challenge to ASLB 841016 supplemental initial decision to be filed by 841106.

Responsive briefs to be filed by 841123. Served on 841102. TOMPKINS, B. A. Atomic Safety and Licensing Appeal Panel. #484 880. 84/11/02. Office of the Executive Legal Director. 2pp. 27298:033. 24X Fiche: 50-454, 84/11/02, 8411050443.

8411060570 Informs of Chairman Palladino 841130 tour of facility. Party representatives invited to attend. Notification of attendance should be made by 841127. Served on 841106.

GARNER, D. J. Commissioners. #484 953. 84/11/05. Office of the Executive Legal Director. 1p. 27326:244. 24X Fiche: 50-454, 84/11/05, 8411060570.

8411090268 Supplemental brief on appeal of ASLB 841016 supplemental initial decision granting authority for issuance of OL. Decision should be reversed. Certificate of Svc encl.

WRIGHT, T. W. League of Women Voters of Rockford, IL. WRIGHT, T. W. Dekalb Area Alliance for Responsible Energy. #484 032. 84/11/06. Atomic Safety and Licensing Appeal Panel. 36pp. 27399:309. 24X Fiche: 50-454, 84/11/06, 8411090268.

8411090460 Order instructing all parties to present 1 h oral argument on 841129 in Bethesda, MD re intervenor challenge to ASLB 841016 supplemental initial decision. Served on 841109.

TOMPKINS, B. A. Atomic Safety and Licensing Appeal Panel. #484 060. 84/11/08. Office of the Executive Legal Director. 2pp. 27416:095. 24X Fiche: 50-454, 84/11/08, 8411090460.

8411130277 Informs that further ASLB proceedings re emergency planning stipulation unnecessary due to lapsed time in filing petition for hearing concerning Commitment W. Intervenor do not intend to file petition.

BIELANSKI, A. P. Isham, Lincoln & Beale. #484 135. 84/11/09. SMITH, I. W., COLE, R. F., DIXON, A. Atomic Safety and Licensing Board Panel. 2pp. 27528:107. 24X Fiche: 50-454, 84/11/09, 8411130277.

8411190374 Advises that arguments will be presented on behalf of Intervenor Rockford League of Women Voters, Dekalb Area Alliance for Responsible Energy & Sinnissippi Alliance for Environ. per 841108 order.

WRIGHT, T. W. Business & Professional People for the Public Interest. #484 165. 84/11/13. TOMPKINS, B. A. Atomic Safety and Licensing Appeal Panel. 1p. 27553:362. 24X Fiche: 50-454, 84/11/13, 8411190374.

8411190025 Forwards SSER 5, previously served on parties. W/o encl. Related correspondence.

LEWIS, S. H. Hearing Branch 2. #484 174. 84/11/14. ROSENTHAL, A. S., GUTCHY, R. L., WILBER, H. A. Atomic Safety and Licensing Appeal Panel. 2pp. 27555:280. 24X Fiche: 50-454, 84/11/14, 8411190025.

8411270319 Brief in opposition to Rockford League of Women Voters & Dekalb Area Alliance for Responsible Energy/Sinnissippi Alliance for Environ 841106 suppl brief on appeal of ASLB Initial Decision LBP-84-41. Certificate of Svc encl.

LEWIS, S. H. Hearing Branch 2. #484 297. 84/11/23. Atomic Safety and Licensing Appeal Panel. 39pp. 27630:278. 24X Fiche: 50-454, 84/11/23, 8411270319.

8411270333 Supplemental appeal brief in response to Intervenor 841106 supplemental brief on appeal & in support of ASLB 841016 supplemental initial decision authorizing issuance of OL. Certificate of Svc encl.

MILLER, M. I. Commonwealth Edison Co. MILLER, M. I. Isham, Lincoln & Beale. #484 284. 84/11/23. Atomic Safety and Licensing Appeal Panel. 67pp. 27632:126. 24X Fiche: 50-454, 84/11/23, 8411270333.

8411270380 Informs that author will represent NRC staff at 841129 oral argument, per ASLB 841108 order.

LEWIS, S. H. Hearing Branch 2. #484 298. 84/11/23. ROSENTHAL, A. S., GUTCHY, R. L., WILBUR, H. A. Atomic Safety and Licensing Appeal Panel. 2pp. 27628:250. 24X Fiche: 50-454, 84/11/23, 8411270380.

G. Inspection reports, IE Bulletins & correspondence

8411060510 Forwards Insp Repts 50-454/84-61 & 50-455/84-42 on 840910-14. No noncompliance noted.

STREETER, J. F. Region 3, Office of Director. 84/10/15. REED, C. Commonwealth Edison Co. 2pp. 27351:359. 24X Fiche: 50-454, 84/10/15, 8411060510.

--8411060516 Insp Repts 50-454/84-61 & 50-455/84-42 on 840910-14. No noncompliance or deviations noted. Major areas inspected:

action on previous insp findings & operating staff training. HOLZNER, M. M., BURDICK, T. M., STREETER, J. F. Region 3, Office of Director. 84/10/15. 5pp. 27351:361. 24X Fiche: 50-454, 84/10/15, 8411060516.

8411060545 Forwards Insp Repts 50-454/84-50 & 50-455/84-34 on 840720-0918.

SPESSARD, R. L. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 2pp. 27350:207. 24X Fiche: 50-454, 84/10/16, 8411060545.

--8411060548 Notice of violation from insp on 840720-0918.

SPESSARD, R. L. Region 3, Office of Director. 84/10/15. 1p. 27350:209. 24X Fiche: 50-454, 84/10/16, 8411060548.

--8411060553 Insp Repts 50-454/84-50 & 50-455/84-34 on 840720-0918. Violation noted: failure to comply w/ASME Code requirements during visual exam.

WARD, K. D., JACOBSEN, J. M., JONES, D. E. Region 3, Office of Director. 84/10/16. 16pp. 27350:210. 24X Fiche: 50-454, 84/10/16, 8411060553.

8411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907.

NORELIUS, C. E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

--8411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16... on 840907. No noncompliance noted. Major areas discussed:

regulatory performance improvement program at operating & const sites. SUERHANN, J. F. Region 3, Office of Director. 84/10/12. 5pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

8411130190 Forwards Insp Repts 50-454/84-72 & 50-455/84-50 on 841003-04. No noncompliance noted.

SPESSARD, R. L. Region 3, Office of Director. 84/10/23. REED, C. Commonwealth Edison Co. 2pp. 27460:103. 24X Fiche: 50-454, 84/10/23, 8411130190.

--8411130197 Insp Repts 50-454/84-72 & 50-455/84-50 on 841003-04. No noncompliance noted. Major areas inspected: action on

previously identified items. MENDEZ, R., WILLIAMS, C. C. Region 3, Office of Director. 84/10/19. 4pp. 27460:105. 24X Fiche: 50-454, 84/10/23, 8411130190.

8410250031 IE Info Notice 84-77, "Incident Involving Telotherapy Unit (AECL Eldorado-78)." Svc list encl.

GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.

JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.

JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

DOCKETED ITEMS

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411130580 Board Notification 84-177: forwards listed documents re facility GA.
NOVAK, T.M. Assistant Director for Licensing. 84/11/09.
ROSENTHAL, A.S., GUTCHY, R.L., WILBER, H.A. Atomic Safety and Licensing
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 2pp. 27533:236. 24X Fiche: 50-454, 84/11/09, 8411130580.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering
Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

B. Reportable occurrences, LERs & related correspondence

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411260400 Part 21 rept re HEXCEL/MCI pipe restraints found w/average dynamic crush strength values below acceptable values. Initially reported on 841101. Replacement program in progress.
PRESTON, R.S. Hexcel Corp. 84/11/08. MARTIN, J.B. Region 5, Office of Director. 3pp. 27611:235. 24X Fiche: 50-000, 84/11/08, 8411260400.

V. Operator Examinations

8411020124 Staff requirements memo re Commission 841022 briefing in Washington, DC re status of near-term OLs & Asselstine request for info on status of operator training & operator exams.
CHILK, S.J. Office of the Secretary of the Commission. 84/10/24.
DIRCKS, W.J. Office of the Executive Director for Operations. 1p. 27262:286. 24X Fiche: 50-000, 84/10/24, 8411020124.

DOCKET STN-50-456 BRAIDWOOD STATION, UNIT 1

A. Application/construction stage documents & correspondence

8411080215 Provides confirmation that Tech Specs prepared for Byron 1 accurately reflect as-built plant & Amend 45 to Byron/Braidwood FSAR in response to BJ Youngblood 840827 ltr to DL Farrar.
REED, C. Commonwealth Edison Co. 84/10/23. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27392:253. 24X Fiche: 50-000, 84/10/23, 8411080215.

8411060257 Confirms 841108 meeting w/util & Independent Expert Overview Group at Mazon emergency offsite facility to discuss status of const assessment program, previous activities & problems encountered, per 841023 discussion.
NORELIUS, C.E. Region 3, Office of Director. 84/10/30. REED, C. Commonwealth Edison Co. 2pp. 27324:323. 24X Fiche: 50-456, 84/10/30,

request to utilize ASME
of weld edge
weld, per NRC

'02. DENTON, H.R. Office
1pp. 27360:087. 24X

8411200134 Forwards request for addl info re concerns expressed by intervenors expert witness in remanded Byron hearing, in response to util 841012 ltr. Response to encl info requested by 841126.
STREETER, J.F. Region 3, Office of Director. 84/11/14. REED, C. Commonwealth Edison Co. 4pp. 27579:258. 24X Fiche: 50-000, 84/11/14, 8411200134.

8411200128 Forwards proposed alternative pipe break criteria for immediate review. Criteria would obviate need to postulate arbitrary intermediate pipe breaks. Meeting can be arranged to discuss submittal.
SWARTZ, E.D. Commonwealth Edison Co. 84/11/15. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 27pp. 27578:163. 24X Fiche: 50-000, 84/11/15, 8411200128.

F. Security, medical, emergency & fire protection plans

8411160334 Revised environ emergency plan implementing procedures including EG-1 re coordination of environ group activities & EG-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR.
THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022. 24X Fiche: 50-000, 84/10/31, 8411160334.

8411190483 Rev O to emergency plan annex.
MOORE, R.D. Commonwealth Edison Co. 84/10/31. 80pp. 27552:306. 24X Fiche: 50-456, 84/10/31, 8411190483.

8411070150 Forwards Amend 5 to fire protection rept submitted on 820816. Changes summarized.
TRAMM, T.R. Commonwealth Edison Co. 84/11/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 5pp. 27367:109. 24X Fiche: 50-000, 84/11/02, 8411070150.

8411150102 Forwards Apps C & D of physical security plan, Rev 9. Apps withheld (ref 10CFR73.21).
BRENNAN, J.M. Commonwealth Edison Co. 84/11/05. Record Services Branch (Document Control Desk). 1p. 27510:303. 24X Fiche: 50-456, 84/11/05, 8411150102.

8411120255 Forwards SALP Board Repts 50-456/84-12 & 50-457/84-12 for Jan 1983 - June 1984. Overall regulatory performance improved. Meeting scheduled for 841126 to discuss SALP.
KEPPLER, J.G. Region 3, Office of Director. 84/11/06. REED, C. Commonwealth Edison Co. 2pp. 27428:217. 24X Fiche: 50-456, 84/11/06, 8411120255.

—8411120272 SALP Board Repts 50-456/84-12 & 50-457/84-12 for Jan 1983 - June 1984.
* Region 3, Office of Director. 84/11/06. 32pp. 27428:219. 24X Fiche: 50-456, 84/11/06, 8411120255.

8411280516 Forwards request for addl info re safety parameter display sys. Info requested within 60 days.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/09. FARRAR, D.L. Commonwealth Edison Co. 7pp. 27682:233. 24X Fiche: 50-000, 84/11/09, 8411280516.

H. General correspondence

8411150148 Forwards USGS map requested per 841019 telcon re eligibility of Site 11KA179 for inclusion in Natl Register of Historic Places. W/o encl.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/02. STEWART, Y. Interior, Dept. of, National Park Service. 1p. 27530:360. 24X Fiche: 50-456, 84/11/02, 8411150148.

G. Inspection reports, IE Bulletins & correspondence

8411060075 Forwards Insp Repts 50-456/84-23 & 50-457/84-22 on 840820-31. No noncompliance noted.
LITTLE, W.S. Region 3, Office of Director. 84/10/11. REED, C. Commonwealth Edison Co. 2pp. 27353:001. 24X Fiche: 50-456, 84/10/11, 8411060075.

—8411060082 Insp Repts 50-456/84-23 & 50-457/84-22 on 840820-24 & 27-31. No noncompliance noted. Major areas inspected: licensee actions on previous insp findings, 10CFR50.55(e) repts, circulars & allegations.
LOVE, R.S., MENDEZ, R., CHRISTNOT, E. Region 3, Office of Director. 84/10/10. 32pp. 27353:003. 24X Fiche: 50-456, 84/10/11, 8411060075.

8411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-265/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907.
NORELIUS, C.E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

DOCKETED ITEMS

301

- 8411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16... on 840907. No noncompliance noted. Major areas discussed: regulatory performance improvement program at operating & const sites. SUERMANN, J. F. Region 3, Office of Director. 84/10/12. 5pp. 24X Fiche: 50-000, 84/10/16, 8411130238.
- 8411130513 Forwards Insp Repts 50-456/84-17 & 50-457/84-17 on 840707-0831 & notice of violation. WARNICK, R. F. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 2pp. 27462:165. 24X Fiche: 50-456, 84/10/16, 8411130513.
- 8411130517 Notice of violation from insp on 840707-0831. WARNICK, R. F. Region 3, Office of Director. 84/10/16. 3pp. 27462:167. 24X Fiche: 50-456, 84/10/16, 8411130513.
- 8411130529 Insp Repts 50-456/84-17 & 50-457/84-17 on 840707-0831. Noncompliance noted: deficiencies in small bore piping control, inadequate welding controls & insufficient records for structural steel, instrument piping & tubing. FORNEY, W. L. Region 3, Office of Director. 84/10/01. 18pp. 27462:170. 24X Fiche: 50-456, 84/10/16, 8411130513.
- 8411160507 Forwards Insp Rept 50-456/84-29 on 841002-04. No noncompliance noted. LITTLE, W. S. Region 3, Office of Director. 84/10/24. REED, C. Commonwealth Edison Co. 2pp. 27545:132. 24X Fiche: 50-456, 84/10/24, 8411160507.
- 8411160513 Insp Rept 50-456/84-29 on 841001-04. No noncompliance or deviation noted. Major areas inspected: work activities for electrical components & sys installation & review of quality records. CHRISTINOT, E. F., WILLIAMS, C. C. Region 3, Office of Director. 84/10/19. 14pp. 27545:134. 24X Fiche: 50-456, 84/10/24, 8411160507.
- 8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.
- 8411260513 Forwards Insp Repts 50-456/84-30 & 50-457/84-28 on 840921-1022. No noncompliance noted. WARNICK, R. F. Region 3, Office of Director. 84/10/30. REED, C. Commonwealth Edison Co. 2pp. 27645:020. 24X Fiche: 50-456, 84/10/30, 8411260513.
- 8411260521 Insp Repts 50-456/84-30 & 50-457/84-28 on 840921-1022. No noncompliance noted. Major areas inspected: const assessment program re licensee action on previously identified items & const sample reinsp random sample populations. FARNEY, W. Region 3, Office of Director. 84/10/29. 6pp. 27645:022. 24X Fiche: 50-456, 84/10/30, 8411260513.
- 8411260530 Submits progress rept for 840924-1005 re NRC ongoing insp of const assessment program. Certification packages of certified HVAC Level II & III inspectors & completed HVAC reinsp packages being reviewed. NORELIUS, C. E. Region 3, Office of Director. 84/10/10. KEPLER, J. O. Region 3, Office of Director. 2pp. 67618:115. 24X Fiche: 50-456, 84/10/30, 8411260513.
- 8411260538 Submits progress rept for 841009-19 re NRC ongoing insp of const assessment program. Reinsp of HVAC hangars, ducts & concrete placements initiated. NORELIUS, C. E. Region 3, Office of Director. 84/10/30. KEPLER, J. O. Region 3, Office of Director. 3pp. 27645:030. 24X Fiche: 50-456, 84/10/30, 8411260513.
- 8411060332 Ack receipt of 841029 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-456/84-25 & 50-457/84-24. * Region 3, Office of Director. 84/11/01. Commonwealth Edison Co. 1p. 27321:223. 24X Fiche: 50-456, 84/11/01, 8411060332.
- 8411060341 Responds to NRC 841004 ltr re violations noted in Insp Repts 50-456/84-25 & 50-457/84-24. Corrective actions: site orientation completed on 840913 & documented for all const assessment program GA personnel. FARRAR, D. L. Commonwealth Edison Co. 84/10/29. KEPLER, J. O. Region 3, Office of Director. 3pp. 27321:224. 24X Fiche: 50-456, 84/11/01, 8411060332.
- 8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.
- 8411160141 Forwards Insp Repts 50-456/84-20 & 50-457/84-19 on 840723-25 & 1016-18. No noncompliance identified. LITTLE, W. S. Region 3, Office of Director. 84/11/02. REED, C. Commonwealth Edison Co. 2pp. 27542:185. 24X Fiche: 50-456, 84/11/02, 8411160141.
- 8411160152 Insp Repts 50-456/84-20 & 50-457/84-19 on 840723-25 & 1016-18. No noncompliance or deviations identified. Major areas inspected: allegations re defective block wall column welds. Statistical sampling for wk of 840420 encl. KEY, W. J., DANIELSON, D. H. Region 3, Office of Director. 84/10/30. 21pp. 27542:187. 24X Fiche: 50-456, 84/11/02, 8411160141.
- 8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.
- 841120146 Notices of 841126 meeting at Mazon emergency offsite facility to discuss SALP assessment re performance of facility. NORELIUS, C. E. Region 3, Office of Director. 84/11/06. REED, C. Commonwealth Edison Co. 2pp. 27428:269. 24X Fiche: 50-456, 84/11/06, 841120146.
- 841120255 Forwards SALP Board Repts 50-456/84-12 & 50-457/84-12 for Jan 1983 - June 1984. Overall regulatory performance improved. Meeting scheduled for 841126 to discuss SALP. KEPLER, J. O. Region 3, Office of Director. 84/11/06. REED, C. Commonwealth Edison Co. 2pp. 27428:217. 24X Fiche: 50-456, 84/11/06, 841120255.
- 841120272 SALP Board Repts 50-456/84-12 & 50-457/84-12 for Jan 1983 - June 1984. * Region 3, Office of Director. 84/11/06. 32pp. 27428:219. 24X Fiche: 50-456, 84/11/06, 841120255.
- 8411130355 Confirms that Const Appraisal Team insp will start on 841210. List of documents required to perform insp encl. Documents should be submitted by 841116. NORELIUS, C. E. Region 3, Office of Director. 84/11/07. REED, C. Commonwealth Edison Co. 4pp. 27439:038. 24X Fiche: 50-456, 84/11/07, 8411130355.
- 8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.
- 8411130041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411130041.
- 8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.
- 8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.
- S. Reportable occurrences, LERs & related correspondence
- 8411060183 Interim Deficiency Rept 84-15 re OK Newburg welding program defects. Initially reported on 840810. Structural steel traveler packages reviewed to identify & correct defects & will be part of final OK Newburg document review program. SMITH, D. H. Commonwealth Edison Co. 84/10/22. KEPLER, J. O. Region 3, Office of Director. 2pp. 27351:341. 24X Fiche: 50-456, 84/10/22, 8411060183.
- 841120140 Interim Deficiency Rept 84-05 re OK Newburg inconsistencies in structural steel installation documentation. Initially reported on 840323. Rev 4 to Procedure 29 submitted on 841003. Review completion expected by 850115. SMITH, D. H. Commonwealth Edison Co. 84/10/24. KEPLER, J. O. Region 3, Office of Director. 2pp. 27436:084. 24X Fiche: 50-456, 84/10/24, 841120140.

DOCKETED ITEMS

8411200158 Interim Deficiency Rept 84-13 re electrical butt splices not installed in accordance w/manufacture recommendations. Initially reported on 840905. Program developed to ensure splices inspected. Next rept will be submitted by 850215. SMITH, D.H. Commonwealth Edison Co. 84/11/01. KEPLER, J.G. Region 3, Office of Director. 2pp. 27585:142. 24X Fiche: 50-456, 84/11/01, 8411200158.

8411200568 Interim Deficiency Rept 84-10 re wall thickness inadequacies for small bore ASME Class II piping. Sargent & Lundy developing program to disposition installed pipe & evaluate effects of chemical cleaning. Next rept expected by 841215. SMITH, D.H. Commonwealth Edison Co. 84/11/02. KEPLER, J.G. Region 3, Office of Director. 2pp. 27585:353. 24X Fiche: 50-456, 84/11/02, 8411200568.

8411210077 Interim Deficiency Rept 82-10 re structural steel installation insp records. Inaccessible connections w/ inadequate records will be repaired or upgraded. Next rept will be submitted by 850115. SMITH, D.H. Commonwealth Edison Co. 84/11/02. KEPLER, J.G. Region 3, Office of Director. 3pp. 27606:262. 24X Fiche: 50-456, 84/11/02, 8411210077.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411260400 Part 21 rept re HEXCEL/MCI pipe restraints found w/average dynamic crush strength values below acceptable values. Initially reported on 841101. Replacement program in progress. PRESTON, R.S. Hexcel Corp. 84/11/08. MARTIN, J.B. Region 3, Office of Director. 3pp. 27611:235. 24X Fiche: 50-000, 84/11/08, 8411260400.

8411210255 Deficiency Rept 84-17 re existing concrete expansion anchor installations. Initially reported on 841010. Nonconformance Repts 658 & 659 issued to track & resolve deficiency. Next rept will be submitted by 850201. SMITH, D.H. Commonwealth Edison Co. 84/11/09. KEPLER, J.G. Region 3, Office of Director. 2pp. 27605:327. 24X Fiche: 50-456, 84/11/09, 8411210255.

DOCKET STN-50-457 BRAIDWOOD STATION, UNIT 2

A. Application/construction stage documents & correspondence

8411080215 Provides confirmation that Tech Specs prepared for Byron 1 accurately reflect as-built plant & Amend 45 to Byron/Braidwood FSAR in response to BJ Youngblood 840827 ltr to DL Farrar. REED, C. Commonwealth Edison Co. 84/10/23. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27392:253. 24X Fiche: 50-000, 84/10/23, 8411080215.

8411060257 Confirms 841108 meeting w/util & Independent Expert Overview Group at Mazon emergency offsite facility to discuss status of const assessment program, previous activities & problems encountered, per 841025 discussion. NORELIUS, C.E. Region 3, Office of Director. 84/10/30. REED, C. Commonwealth Edison Co. 2pp. 27324:323. 24X Fiche: 50-456, 84/10/30, 8411060257.

8411070036 Provides justification for 830302 request to utilize ASME Code Case N-340 re alternate rules for exam of weld edge preparation & ultrasonic exam of completed weld, per NRC 830503 request. SMITH, D.H. Commonwealth Edison Co. 84/11/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27360:087. 24X Fiche: 50-000, 84/11/02, 8411070036.

8411200134 Forwards request for addl info re concerns expressed by intervenors expert witness in remanded Byron hearing, in response to util 841012 ltr. Response to encl info requested by 841126. STREETER, J.F. Region 3, Office of Director. 84/11/14. REED, C. Commonwealth Edison Co. 4pp. 27579:238. 24X Fiche: 50-000, 84/11/14, 8411200134.

Forwards proposed alternative pipe break criteria for review. Criteria would obviate need to postulate intermediate pipe breaks. Meeting can be arranged initially. Commonwealth Edison Co. 84/11/15. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 27pp. 27578:163. 24X Fiche: 50-000, 84/11/15, 8411200128.

F. Security, medical, emergency & fire protection plans

8411160334 Revised environ emergency plan implementing procedures including EG-1 re coordination of environ group activities & EG-13 re field radioanalysis of environ samples. One oversize map encl. Aperture card in PDR. THACKER, R. Commonwealth Edison Co. 84/10/31. 160pp. 27536:022. 24X Fiche: 50-000, 84/10/31, 8411160334.

8411190483 Rev O to emergency plan annex. MOORE, R.D. Commonwealth Edison Co. 84/10/31. 80pp. 27552:306. 24X Fiche: 50-456, 84/10/31, 8411190483.

8411070150 Forwards Amend 5 to fire protection rept submitted on 820816. Changes summarized. TRAMM, T.R. Commonwealth Edison Co. 84/11/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 5pp. 27367:109. 24X Fiche: 50-000, 84/11/02, 8411070150.

8411150102 Forwards Apps C & D of physical security plan, Rev 9. Apps withheld (ref 10CFR73.21). BRENNAN, J.M. Commonwealth Edison Co. 84/11/05. Record Services Branch (Document Control Desk). 1p. 27510:303. 24X Fiche: 50-456, 84/11/05, 8411150102.

8411120255 Forwards SALP Board Repts 50-456/84-12 & 50-457/84-12 for Jan 1983 - June 1984. Overall regulatory performance improved. Meeting scheduled for 841126 to discuss SALP. KEPLER, J.G. Region 3, Office of Director. 84/11/06. REED, C. Commonwealth Edison Co. 2pp. 27428:217. 24X Fiche: 50-456, 84/11/06, 8411120255.

--8411120272 SALP Board Repts 50-456/84-12 & 50-457/84-12 for Jan 1983 - June 1984. * Region 3, Office of Director. 84/11/06. 32pp. 27428:219. 24X Fiche: 50-456, 84/11/06, 8411120255.

8411280516 Forwards request for addl info re safety parameter display sys. Info requested within 60 days. YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/09. FARRAR, D.L. Commonwealth Edison Co. 7pp. 27682:235. 24X Fiche: 50-000, 84/11/09, 8411280516.

H. General correspondence

8411150148 Forwards USGS map requested per 841019 telcon re eligibility of Site 11KA179 for inclusion in Natl Register of Historic Places. W/o encl. YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/02. STEWART, Y. Interior, Dept. of, National Park Service. 1p. 27530:360. 24X Fiche: 50-456, 84/11/02, 8411150148.

G. Inspection reports, IE Bulletins & correspondence

8411060075 Forwards Insp Repts 50-456/84-23 & 50-457/84-22 on 840820-31. No noncompliance noted. LITTLE, W.S. Region 3, Office of Director. 84/10/11. REED, C. Commonwealth Edison Co. 2pp. 27353:001. 24X Fiche: 50-456, 84/10/11, 8411060075.

--8411060082 Insp Repts 50-456/84-23 & 50-457/84-22 on 840820-24 & 27-31. No noncompliance noted. Major areas inspected: licensee actions on previous insp findings, 10CFR50.55(e) repts, circulars & allegations. LOVE, R.S., MENDEZ, R., CHRISTNOT, E. Region 3, Office of Director. 84/10/10. 32pp. 27353:003. 24X Fiche: 50-456, 84/10/11, 8411060075.

8411130238 Forwards Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-263/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907. NORELIUS, C.E. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 3pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

--8411130274 Mgt Meeting Repts 50-010/84-14, 50-237/84-17, 50-249/84-16, 50-254/84-17, 50-263/84-15, 50-295/84-18, 50-304/84-19, 50-373/84-22, 50-374/84-29, 50-454/84-68, 50-455/84-46, 50-456/84-27 & 50-457/84-26 on 840907. SUERMANN, J.F. Region 3, Office of Director. 84/10/12. 5pp. 24X Fiche: 50-000, 84/10/16, 8411130238.

8411130513 Forwards Insp Repts 50-456/84-17 & 50-457/84-17 on 840707-0831 & notice of violation. WARNICK, R.F. Region 3, Office of Director. 84/10/16. REED, C. Commonwealth Edison Co. 2pp. 27462:163. 24X Fiche: 50-456, 84/10/16, 8411130513.

--8411130517 Notice of violation from insp on 840707-0831. WARNICK, R.F. Region 3, Office of Director. 84/10/16. 3pp. 27462:167. 24X Fiche: 50-456, 84/10/16, 8411130513.

DOCKETED ITEMS

303

--8411130529 Insp Repts 50-456/84-17 & 50-457/84-17 on 840707-0831. Noncompliance noted: deficiencies in small bore piping control, inadequate welding controls & insufficient records for structural steel, instrument piping & tubing. FORNEY, W.L. Region 3, Office of Director. 84/10/01. 18pp. 27462:170. 24X Fiche: 50-456, 84/10/16, 8411130513.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411260513 Forwards Insp Repts 50-456/84-30 & 50-457/84-28 on 840921-1022. No noncompliance noted. WARNICK, R.F. Region 3, Office of Director. 84/10/30. REED, C. Commonwealth Edison Co. 2pp. 27645:020. 24X Fiche: 50-456, 84/10/30, 8411260513.

--8411260521 Insp Repts 50-456/84-30 & 50-457/84-28 on 840921-1022. No noncompliance noted. Major areas inspected: const assessment program re licensee action on previously identified items & const sample reinsp random sample populations. FARNEY, W. Region 3, Office of Director. 84/10/29. 6pp. 27645:022. 24X Fiche: 50-456, 84/10/30, 8411260513.

--8411260530 Submits progress rept for 840924-1005 re NRC ongoing insp of const assessment program. Certification packages of certified HVAC Level II & III inspectors & completed HVAC reinsp packages being reviewed. NORELIUS, C.E. Region 3, Office of Director. 84/10/10. KEPLER, J.G. Region 3, Office of Director. 2pp. 67618:115. 24X Fiche: 50-456, 84/10/30, 8411260513.

--8411260538 Submits progress rept for 841009-19 re NRC ongoing insp of const assessment program. Reinsp of HVAC hangars, ducts & concrete placements initiated. NORELIUS, C.E. Region 3, Office of Director. 84/10/30. KEPLER, J.G. Region 3, Office of Director. 3pp. 27645:030. 24X Fiche: 50-456, 84/10/30, 8411260513.

8411060332 Ack receipt of 841029 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-456/84-25 & 50-457/84-24. * Region 3, Office of Director. 84/11/01. Commonwealth Edison Co. 1p. 27321:223. 24X Fiche: 50-456, 84/11/01, 8411060332.

--8411060341 Responds to NRC 841004 ltr re violations noted in Insp Repts 50-456/84-25 & 50-457/84-24. Corrective actions: site orientation completed on 840913 & documented for all const assessment program GA personnel. FARRAR, D.L. Commonwealth Edison Co. 84/10/29. KEPLER, J.G. Region 3, Office of Director. 3pp. 27321:224. 24X Fiche: 50-456, 84/11/01, 8411060332.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411160141 Forwards Insp Repts 50-456/84-20 & 50-457/84-19 on 840723-25 & 1016-18. No noncompliance identified. LITTLE, W.S. Region 3, Office of Director. 84/11/02. REED, C. Commonwealth Edison Co. 2pp. 27542:185. 24X Fiche: 50-456, 84/11/02, 8411160141.

--8411160152 Insp Repts 50-456/84-20 & 50-457/84-19 on 840723-25 & 1016-18. No noncompliance or deviations identified. Major areas inspected: allegations re defective block wall column welds. Statistical sampling for wk of 840420 encl. KEY, W.J., DANIELSON, D.H. Region 3, Office of Director. 84/10/30. 21pp. 27542:187. 24X Fiche: 50-456, 84/11/02, 8411160141.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

841120146 Notifies of 841126 meeting at Mazon emergency offsite facility to discuss SALP assessment re performance of facility. NORELIUS, C.E. Region 3, Office of Director. 84/11/06. REED, C. Commonwealth Edison Co. 2pp. 27428:269. 24X Fiche: 50-456, 84/11/06, 841120146.

841120255 Forwards SALP Board Repts 50-456/84-12 & 50-457/84-12 for Jan 1983 - June 1984. Overall regulatory performance improved. Meeting scheduled for 841126 to discuss SALP. KEPLER, J.G. Region 3, Office of Director. 84/11/06. REED, C. Commonwealth Edison Co. 2pp. 27428:217. 24X Fiche: 50-456, 84/11/06, 841120255.

--841120272 SALP Board Repts 50-456/84-12 & 50-457/84-12 for Jan 1983 - June 1984. * Region 3, Office of Director. 84/11/06. 32pp. 27428:219. 24X Fiche: 50-456, 84/11/06, 841120255.

841130355 Confirms that Const Appraisal Team insp will start on 841210. List of documents required to perform insp encl. Documents should be submitted by 841116. NORELIUS, C.E. Region 3, Office of Director. 84/11/07. REED, C. Commonwealth Edison Co. 4pp. 27439:038. 24X Fiche: 50-456, 84/11/07, 841130355.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

S. Reportable occurrences, LERs & related correspondence

8411060183 Interim Deficiency Rept 84-15 re OK Newberg welding program defects. Initially reported on 840810. Structural steel traveler packages reviewed to identify & correct defects & will be part of final OK Newberg document review program. SMITH, D.H. Commonwealth Edison Co. 84/10/22. KEPLER, J.G. Region 3, Office of Director. 2pp. 27351:341. 24X Fiche: 50-456, 84/10/22, 8411060183.

841120140 Interim Deficiency Rept 84-05 re OK Newberg inconsistencies in structural steel installation documentation. Initially reported on 840323. Rev 4 to Procedure 29 submitted on 841003. Review completion expected by 850115. SMITH, D.H. Commonwealth Edison Co. 84/10/24. KEPLER, J.G. Region 3, Office of Director. 2pp. 27436:084. 24X Fiche: 50-456, 84/10/24, 841120140.

841200158 Interim Deficiency Rept 84-13 re electrical butt splices not installed in accordance w/manufacturer recommendations. Initially reported on 840905. Program developed to ensure splices inspected. Next rept will be submitted by 850215. SMITH, D.H. Commonwealth Edison Co. 84/11/01. KEPLER, J.G. Region 3, Office of Director. 2pp. 27585:142. 24X Fiche: 50-456, 84/11/01, 841200158.

841200568 Interim Deficiency Rept 84-10 re wall thickness inadequacies for small bore ASME Class II piping. Sargent & Lundy developing program to disposition installed pipe & evaluate effects of chemical cleaning. Next rept expected by 841215. SMITH, D.H. Commonwealth Edison Co. 84/11/02. KEPLER, J.G. Region 3, Office of Director. 2pp. 27585:353. 24X Fiche: 50-456, 84/11/02, 841200568.

841210077 Interim Deficiency Rept 82-10 re structural steel installation insp records. Inaccessible connections w/ inadequate records will be repaired or upgraded. Next rept will be submitted by 850115. SMITH, D.H. Commonwealth Edison Co. 84/11/02. KEPLER, J.G. Region 3, Office of Director. 3pp. 27606:262. 24X Fiche: 50-456, 84/11/02, 841210077.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

DOCKETED ITEMS

8411260400 Part 21 rept re HEXCEL/MCI pipe restraints found w/average dynamic crush strength values below acceptable values. Initially reported on 841101. Replacement program in progress.
PRESTON, R.S. Hexcel Corp. 84/11/08. MARTIN, J.B. Region 5, Office of Director. 3pp. 27611:235. 24X Fiche: 50-000, 84/11/08, 8411260400.

8411210235 Deficiency Rept 84-17 re existing concrete expansion anchor installations. Initially reported on 841010. Nonconformance Repts 658 & 659 issued to track & resolve deficiency. Next rept will be submitted by 850201.
SMITH, D.H. Commonwealth Edison Co. 84/11/09. KEPPLER, J.G. Region 3, Office of Director. 2pp. 27605:327. 24X Fiche: 50-458, 84/11/09, 8411210235.

8411270323 Forwards response to Items 1 through 4 of 841017 request for addl info re sheer reinforcement design of reactor shield bldg. Encl responses discussed w/H Polk on 841023.
BOOKER, J.E. Gulf States Utilities Co. 84/11/16. DENTON, H.E. Office of Nuclear Reactor Regulation, Director. 22pp. 27630:214. 24X Fiche: 50-458, 84/11/16, 8411270323.

E. NRC Safety Evaluation Report (SER), suppl & correspondence

8411010416 Summary of 840807-09 meetings w/util, GE & S&W in San Jose, CA re resolution of instrumentation & controls SER confirmatory issues.
WEINKAM, E.J. Licensing Branch 2. 84/10/17. Licensing Branch 2. 38pp. 27251:292. 24X Fiche: 50-458, 84/10/17, 8411010416.

8411200024 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF RIVER BEND STATION. Docket No. 50-458. (Gulf States Utilities Company, Cajun Electric Power Cooperative)
* Division of Licensing. NUREG-0989 S01. 84/10/31. 49pp. Available at NRC. \$4.50. 27586:250. 24X Fiche: 50-458, 84/10/31, 8411200024.

8411150077 Forwards response to SER Open Item 4 "Inservice Test Program" & Open Item 6 "Preservice Insp Program." Encl "Preservice Insp Plan" & "Pump & Valve Plan" will be updated as design & const completed.
BOOKER, J.E. Gulf States Utilities Co. 84/11/05. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 7pp. 27520:258. 24X Fiche: 50-458, 84/11/05, 8411150077.

--8411150081 "River Bend Station Pump & Valve Program," Vol 1.
* Gulf States Utilities Co. 84/11/30. 175pp. 27520:265. 24X Fiche: 50-458, 84/11/05, 8411150077.

--8411150087 "River Bend Station Preservice Insp Plan," Vols 1-3.
* Gulf States Utilities Co. 84/11/30. 1172pp. 27521:073. 24X Fiche: 50-458, 84/11/05, 8411150077.

8411150119 Forwards response to NRC 801222 request for info in Sections 2.2.2.3 & 2.4 re planned controls for handling heavy loads. SER Outstanding Item 12 satisfied.
BOOKER, J.E. Gulf States Utilities Co. 84/11/05. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 53pp. 27510:251. 24X Fiche: 50-458, 84/11/05, 8411150119.

8411160492 Forwards request for addl info re initial test program & SER (NUREG-0989) Confirmatory Item 61, for review of FSAR Chapter 14 through Amend 13.
SCHWENCER, A. Licensing Branch 2. 84/11/08. CAHILL, W.J. Gulf States Utilities Co. 3pp. 27546:057. 24X Fiche: 50-458, 84/11/08, 8411160492.

8411160552 Forwards SSER 1 (NUREG-0989). W/o encl.
SCHWENCER, A. Licensing Branch 2. 84/11/08. CAHILL, W.J. Gulf States Utilities Co. 2pp. 27543:347. 24X Fiche: 50-458, 84/11/08, 8411160552.

8411200381 Notification of 841120 meeting w/util & S&W in Bethesda, MD to discuss SER Open Item 13 re safe/alternate shutdown.
WEINKAM, E.J. Licensing Branch 2. 84/11/13. SCHWENCER, A. Licensing Branch 2. 3pp. 27597:296. 24X Fiche: 50-458, 84/11/13, 8411200381.

8411200579 Notification of 841120 meeting w/util & S&W in Bethesda, MD to discuss SER Open Item 9, "Bypassed & Inoperable Status."
WEINKAM, E.J. Licensing Branch 2. 84/11/13. SCHWENCER, A. Licensing Branch 2. 3pp. 27598:068. 24X Fiche: 50-458, 84/11/13, 8411200579.

8411190173 Forwards Amend 15 to FSAR, in response to SER Open Items 3, 8, 10, 16 & 17 & Confirmatory Items 1, 3, 7, 12, 16, 20, 51 & 54.
CAHILL, W.J. Gulf States Utilities Co. 84/11/15. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 6pp. 27555:288. 24X Fiche: 50-458, 84/11/15, 8411190173.

F. Security, medical, emergency & fire protection plans

8411280121 Forwards summary rept, "Detailed Control Room Design Review: Methodology & Approach, Human Engineering Discrepancy Results," per Generic Ltr 82-33. "Suppl 1 to NUREG-0737 - Requirements for Emergency Response Capability."
BOOKER, J.E. Gulf States Utilities Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27662:130. 24X Fiche: 50-458, 84/10/31, 8411280121.

--8411280131 "Detailed Control Room Design Review: Methodology & Approach, Human Engineering Discrepancy Results," summary rept.
* Gulf States Utilities Co. 84/10/31. 970pp. 27662:131. 24X Fiche: 50-458, 84/10/31, 8411280121.

DOCKET 50-458 RIVER BEND STATION, UNIT 1

A. Application/construction stage documents & correspondence

8411020257 Notification of 841030 meeting w/util & S&W in Bethesda, MD to discuss design of HPCS diesel generator supporting sys.
WEINKAM, E.J. Licensing Branch 2. 84/10/17. SCHWENCER, A. Licensing Branch 2. 3pp. 27424:334. 24X Fiche: 50-458, 84/10/17, 8411020257.

8411050277 Forwards updated Seismic Category 1 safety-related equipment master list for both balance of plant & NSSS. List reflects projected status of each component as of 841029.
BOOKER, J.E. Gulf States Utilities Co. 84/10/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 223pp. 27300:006. 24X Fiche: 50-458, 84/10/19, 8411050277.

8411150023 Forwards balance-of-plant & NSSS updated environ qualification master list of electrical equipment located in harsh environ & sys component evaluation work sheets for each component.
BOOKER, J.E. Gulf States Utilities Co. 84/10/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1767pp. 27510:346. 24X Fiche: 50-458, 84/10/19, 8411150023.

8411150006 Forwards info in support of SGRT & pump & valve qualification review team audits, per A Schwencer 821221 request. Submittal also being provided to BNL.
CAHILL, W.J. Gulf States Utilities Co. 84/10/22. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 948pp. 27497:111. 24X Fiche: 50-458, 84/10/22, 8411150006.

8411150077 Forwards response to SER Open Item 4 "Inservice Test Program" & Open Item 6 "Preservice Insp Program." Encl "Preservice Insp Plan" & "Pump & Valve Plan" will be updated as design & const completed.
BOOKER, J.E. Gulf States Utilities Co. 84/11/05. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 7pp. 27520:258. 24X Fiche: 50-458, 84/11/05, 8411150077.

--8411150081 "River Bend Station Pump & Valve Program," Vol 1.
* Gulf States Utilities Co. 84/11/30. 175pp. 27520:265. 24X Fiche: 50-458, 84/11/05, 8411150077.

8411160492 Forwards request for addl info re initial test program & SER (NUREG-0989) Confirmatory Item 61, for review of FSAR Chapter 14 through Amend 13.
SCHWENCER, A. Licensing Branch 2. 84/11/08. CAHILL, W.J. Gulf States Utilities Co. 3pp. 27546:057. 24X Fiche: 50-458, 84/11/08, 8411160492.

8411200429 Informs of NRC intent to conduct Caseload Forecast Panel site visit on 841204-06. Visit will enable staff to efficiently allocate resources during station OL review. List of info required for visit encl.
SCHWENCER, A. Licensing Branch 2. 84/11/08. CAHILL, W.J. Gulf States Utilities Co. 4pp. 27598:221. 24X Fiche: 50-458, 84/11/08, 8411200429.

8411190314 Forwards revised FSAR Section B.3.1.4.2 re Class 1E electrical equipment arrangement. Reasons for rev discussed. Requests concurrence by 841121.
BOOKER, J.E. Gulf States Utilities Co. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 12pp. 27581:190. 24X Fiche: 50-458, 84/11/09, 8411190314.

8411200138 Forwards Equipment Qualification Branch request for addl info re NDE-24988-P, "Analysis of Generic BWR Safety/Relief Valve Operability Test Results," to complete review of NUREG-0737, Item II.D.1.
SCHWENCER, A. Licensing Branch 2. 84/11/09. CAHILL, W.J. Gulf States Utilities Co. 3pp. 27598:001. 24X Fiche: 50-458, 84/11/09, 8411200138.

DOCKETED ITEMS

305

8411140139 Forwards RW Krimm 840927 transmittal of FEMA rept re adequacy of offsite planning. Coordination of emergency planning efforts w/state & local authorities requested. SCHWENCER, A. Licensing Branch 2. 84/11/02. CAHILL, W. J., BOOKER, J. E. Gulf States Utilities Co. 3pp. 27527:001. 24X Fiche: 50-458, 84/11/02, 8411140139.

8411190314 Forwards revised FSAR Section B.3.1.4.2 re Class 1E electrical equipment arrangement. Reasons for rev discussed. Requests concurrence by 841121. BOOKER, J. E. Gulf States Utilities Co. 84/11/09. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 12pp. 27581:190. 24X Fiche: 50-458, 84/11/09, 8411190314.

8411200381 Notification of 841120 meeting w/util & S&W in Bethesda, MD to discuss SER Open Item 13 re safe/alternate shutdown. WEINKAM, E. J. Licensing Branch 2. 84/11/13. SCHWENCER, A. Licensing Branch 2. 3pp. 27597:296. 24X Fiche: 50-458, 84/11/13, 8411200381.

G. Adjudicatory correspondence

8411270202 Memorandum & order terminating proceeding re remaining safety contentions & granting util request to withdraw application for DL for Unit 2. All issues resolved. Served on 841120. COTTER, B. P. Atomic Safety and Licensing Board Panel. #484 240. 84/11/20. Gulf States Utilities Co. 10pp. 27629:102. 24X Fiche: 50-458, 84/11/20, 8411270202.

H. General correspondence

8411260146 Ack receipt of 840805 ltr addressing concern re document control at facility. Specific info needed in order to investigate concern fully. JOHNSON, E. H. Region 4, Office of Director. 84/08/21. QUINCY, E. Affiliation Not Assigned. 1p. 27645:171. 24X Fiche: 50-458, 84/08/21, 8411260146.

K. Utility Final Safety Analysis Report (FSAR) & amends

8411190173 Forwards Amend 15 to FSAR, in response to SER Open Items 3, 8, 10, 16 & 17 & Confirmatory Items 1, 3, 7, 12, 16, 20, 51 & 54. CAHILL, W. J. Gulf States Utilities Co. 84/11/15. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 6pp. 27555:288. 24X Fiche: 50-458, 84/11/15, 8411190173.

--8411190176 Amend 15 to FSAR for River Bend Station. * Gulf States Utilities Co. 84/11/30. 1624pp. 27555:294. 24X Fiche: 50-458, 84/11/15, 8411190173.

G. Inspection reports, IE Bulletins & correspondence

8411050333 Responds to NRC 840816 ltr re violations noted in Insp Rept 50-458/84-15. Corrective actions: training re const deficiency rept processing requirements completed for preliminary test organization & field GC personnel. CAHILL, W. J. Gulf States Utilities Co. 84/09/04. COLLINS, J. T. Region 4, Office of Director. 4pp. 27297:070. 24X Fiche: 50-458, 84/09/04, 8411050333.

8411050432 Submits addl response to IE Bulletin 83-07, "Apparently Fraudulent Products Sold by Ray Miller, Inc." No subj matl procured for use in safety-related sys. Investigation continuing re use of matl in nonsafety-related sys. BOOKER, J. E. Gulf States Utilities Co. 84/09/28. COLLINS, J. T. Region 4, Office of Director. 3pp. 27297:160. 24X Fiche: 50-458, 84/09/28, 8411050432.

8411050482 Provides addl info re IE Bulletin 83-08. No circuit breakers w/undervoltage trip feature used in safety-related applications. Investigation underway w/supplier to identify circuit breakers w/malfunction. Next rept expected by 841130. BOOKER, J. E. Gulf States Utilities Co. 84/09/28. COLLINS, J. T. Region 4, Office of Director. 3pp. 27297:326. 24X Fiche: 50-458, 84/09/28, 8411050482.

8411050472 Responds to IE Bulletin 84-02, "Failures of OE Type HFA Relays Used in Class 1E Safety Sys." Four relays left requiring changeout. Completion of upgrading expected by late Jan 1985. BOOKER, J. E. Gulf States Utilities Co. 84/10/01. MARTIN, R. D. Region 4, Office of Director. 2pp. 27297:324. 24X Fiche: 50-458, 84/10/01, 8411050472.

8411030485 Requests addl info re shear reinforcement design, per integrated design insp. Summary of calculations re redefinition of temp gradient & resulting thermal loads & explanation how critical sections determined requested. SCHWENCER, A. Licensing Branch 2. 84/10/17. CAHILL, W. J. Gulf States Utilities Co. 3pp. 27289:347. 24X Fiche: 50-458, 84/10/17, 8411030485.

8411050074 Forwards Const Appraisal Team Insp Rept 50-458/84-23 on 840730-0810 & 20-31. Executive summary re results of insp & conclusions reached & list of potential enforcement actions encl. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. 84/10/19. CAHILL, W. J. Gulf States Utilities Co. 10pp. 27326:062. 24X Fiche: 50-458, 84/10/19, 8411050074.

--8411050077 Const Appraisal Team Insp Rept 50-458/84-23 on 840730-0810 & 20-31. Major areas inspected: const program, evaluation of project const controls & review of selected portions of QA program. KESHISHIAN, P., GEORGIEV, G. B., HOOKS, K. R. Reactor Construction Branch. 84/10/18. 124pp. 27326:072. 24X Fiche: 50-458, 84/10/19, 8411050074.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411020291 Ack receipt of 840921 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-458/84-24. JOHNSON, E. H. Region 4, Office of Director. 84/10/29. CAHILL, W. J. Gulf States Utilities Co. 1p. 27253:087. 24X Fiche: 50-458, 84/10/29, 8411020291.

--8411020295 Responds to NRC 840912 ltr re violations noted in Insp Rept 50-458/84-24. Corrective actions: personnel retrained re cleanliness requirements through special sessions conducted for all zone requirements. CAHILL, W. J. Gulf States Utilities Co. 84/09/21. COLLINS, J. T. Region 4, Office of Director. 2pp. 27253:088. 24X Fiche: 50-458, 84/10/29, 8411020291.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

841150077 Forwards response to SER Open Item 4 "Inservice Test Program" & Open Item 6 "Preservice Insp Program." Encl "Preservice Insp Plan" & "Pump & Valve Plan" will be updated as design & const completed. BOOKER, J. E. Gulf States Utilities Co. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 7pp. 27520:258. 24X Fiche: 50-458, 84/11/05, 841150077.

--841150087 "River Bend Station Preservice Insp Plan." Vols 1-3. * Gulf States Utilities Co. 84/11/30. 1172pp. 27521:073. 24X Fiche: 50-458, 84/11/05, 841150077.

8411060234 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060234.

841150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 841150041.

841150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 841150072.

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

8411280298 Forwards Insp Rept 50-458/84-29 on 841009-12 & 22-26 & notice of violation. JOHNSON, E. H. Region 4, Office of Director. 84/11/23. CAHILL, W. J. Gulf States Utilities Co. 2pp. 27660:244. 24X Fiche: 50-458, 84/11/23, 8411280298.

DOCKETED ITEMS

--8411280302 Notice of violation from insp on 841009-12 & 22-26.
* Region 4, Office of Director. 84/11/23. 1p. 27660:246. 24X
Fiche:50-458,84/11/23,8411280298.

--8411280382 Insp Rept 50-458/B4-29 on 841009-12 & 22-26. Violation noted:
failure to update procedures w/current info.
BENNETT, W.R., JAUDON, J.P. Region 4, Office of Director. 84/11/23.
3pp. 27660:247. 24X Fiche:50-458,84/11/23,8411280298.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel
generator requalification program & changes in list of
diesel generator activities to be completed prior to fuel
load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities
Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor
Regulation, Director. 62pp. 27394:152. 24X Fiche:50-000,84/09/19,
8411080347.

8411290034 Corrected interim Deficiency Rept DR-206 re lubricant in two
fuel pool cooling pumps & motors. Next rept will be
provided by 841212.
BOOKER, J.E. Gulf States Utilities Co. 84/10/09. MARTIN, R.D.
Region 4, Office of Director. 1p. 27721:091. 24X
Fiche:50-458,84/10/09,8411290034.

8411030721 Final Deficiency Rept DR-186 re galvanized carbon steel
plugs in Rosemount Model 1153 series transmitters. Galvanized
plugs replaced w/stainless steel plugs, per manufacturer
instruction. Not reportable under 10CFR50.55(e).
BOOKER, J.E. Gulf States Utilities Co. 84/10/15. MARTIN, R.D.
Region 4, Office of Director. 1p. 27281:012. 24X
Fiche:50-458,84/10/15,8411030721.

8411030724 Interim Deficiency Rept DR-193 re insulation of valve
motors supplied by Velan Engineering, Ltd. Next rept will be
submitted by 841120.
BOOKER, J.E. Gulf States Utilities Co. 84/10/16. MARTIN, R.D.
Region 4, Office of Director. 1p. 27281:011. 24X
Fiche:50-458,84/10/16,8411030724.

8411050524 Interim Deficiency Rept DR-167 re control panel wiring for
HPCS diesel generator supplied by GE. Next rept will be
provided by 841127.
BOOKER, J.E. Gulf States Utilities Co. 84/10/16. MARTIN, R.D.
Region 4, Office of Director. 1p. 27327:360. 24X
Fiche:50-458,84/10/16,8411050524.

8411050465 Interim Deficiency Rept DR-210 re circuit board retaining
parts in two Model 510 Du Rosemount card files. Next
rept will be provided by 841211.
BOOKER, J.E. Gulf States Utilities Co. 84/10/17. MARTIN, R.D.
Region 4, Office of Director. 1p. 27327:361. 24X
Fiche:50-458,84/10/17,8411050465.

8411060127 Interim Deficiency Rept DR-217 re bolting matls supplied
by Cardinal Industrial Products. Next rept will be submitted
by 850123.
BOOKER, J.E. Gulf States Utilities Co. 84/10/17. MARTIN, R.D.
Region 4, Office of Director. 1p. 27352:341. 24X
Fiche:50-458,84/10/17,8411060127.

8411050315 Interim Deficiency Rept DR-168 re interpretation of W3
welding procedure used in performing rework &/or repair
welding of non-low-carbon grades of austenitic stainless
steel pipe. Next rept will be submitted by 841206.
BOOKER, J.E. Gulf States Utilities Co. 84/10/18. MARTIN, R.D.
Region 4, Office of Director. 1p. 27328:268. 24X
Fiche:50-458,84/10/18,8411050315.

8411050322 Interim Deficiency Rept DR-160 re transformer cable lead
lugs supplied by Gould Brown-Boveri. Next rept will be

utilities Co. 84/10/18. MARTIN, R.D.
1p. 27328:269. 24X
150322.

shorting of shield
Corp electrical
conductors will be

9. MARTIN, R.D.
24X

bricated

841120091 Interim Deficiency Rept DR-228 re defective TDI supplied
cylinder head valves in standby diesel generator. Interim or
final status rept will be provided by 841205.
BOOKER, J.E. Gulf States Utilities Co. 84/10/24. MARTIN, R.D.
Region 4, Office of Director. 1p. 27436:062. 24X
Fiche:50-458,84/10/24,841120091.

841120100 Interim Deficiency Rept DR-218 re defective piston rods in
Brown Boveri Electric Type SHK circuit breaker. Interim or
final status rept will be provided by 841213.
BOOKER, J.E. Gulf States Utilities Co. 84/10/24. MARTIN, R.D.
Region 4, Office of Director. 1p. 27437:215. 24X
Fiche:50-458,84/10/24,841120100.

841130145 Interim Deficiency Rept DR-206 re lubricant for fuel pool
cooling pumps & motors. Next rept will be provided by 841127.
BOOKER, J.E. Gulf States Utilities Co. 84/10/24. MARTIN, R.D.
Region 4, Office of Director. 1p. 27460:114. 24X
Fiche:50-458,84/10/24,841130145.

841130183 Final Deficiency Rept DR-214 re blend marks in bonnet
gasket seating surface of Atwood & Morrill Co. Inc feed check
valve. Blend marks not in seating area. Valve operation
unaffected. Item not reportable per 10CFR50.55(e).
BOOKER, J.E. Gulf States Utilities Co. 84/10/24. MARTIN, R.D.
Region 4, Office of Director. 1p. 27460:102. 24X
Fiche:50-458,84/10/24,841130183.

841130724 Final Deficiency Rept DR-153 re procurement of orifice
plates from Bailey Controls Co & welding by Bailey of
extension handle to orifice plate w/o proper documentation.
Item not reportable per 10CFR50.55(e).
BOOKER, J.E. Gulf States Utilities Co. 84/10/24. MARTIN, R.D.
Region 4, Office of Director. 1p. 27461:248. 24X
Fiche:50-458,84/10/24,841130724.

841130005 Interim Deficiency Rept DR-155 re personnel airlock seals
supplied by WJ Wooley Co. Next rept will be provided by
850211.
BOOKER, J.E. Gulf States Utilities Co. 84/10/25. MARTIN, R.D.
Region 4, Office of Director. 1p. 27460:361. 24X
Fiche:50-458,84/10/25,841130005.

841130042 Interim Deficiency Rept DR-222 re relocation of Div III
125-volt dc panel. Next rept will be provided by 841129.
BOOKER, J.E. Gulf States Utilities Co. 84/10/25. MARTIN, R.D.
Region 4, Office of Director. 1p. 27460:316. 24X
Fiche:50-458,84/10/25,841130042.

841140079 Final Deficiency Rept DR-191 re improperly sized Gould
supplied Buchanan stacking type terminal blocks. Initially
reported on 840829. Terminal block removed & scrapped.
Receiving insp plan will be revised by 841109.
BOOKER, J.E. Gulf States Utilities Co. 84/10/25. COLLINS, J.T.
Region 4, Office of Director. 3pp. 27493:297. 24X
Fiche:50-458,84/10/25,841140079.

841120458 Final Deficiency Rept DR-140 re TDI engine-mounted fuel oil
line in standby diesel generators. Generators, fuel oil piping
& header assembly installed per TDI Drawing 03-450-08. Item
not reportable per 10CFR50.55(e).
BOOKER, J.E. Gulf States Utilities Co. 84/10/26. MARTIN, R.D.
Region 4, Office of Director. 1p. 27458:043. 24X
Fiche:50-458,84/10/26,841120458.

841130022 Final Deficiency Rept DR-189 re insulated lugs supplied by
GE & crimping tool used for installation. Lugs will perform
intended safety function. Crimping tools approved for
installation of GE lugs. Not reportable per 10CFR50.55(e).
BOOKER, J.E. Gulf States Utilities Co. 84/10/26. MARTIN, R.D.
Region 4, Office of Director. 1p. 27460:349. 24X
Fiche:50-458,84/10/26,841130022.

841130621 Final Deficiency Rept DR-187 re CRD insert & withdrawal
piping discolored due to electrical fire in weld line
cables routed nearby. Condition not reportable under
10CFR50.55(e).
BOOKER, J.E. Gulf States Utilities Co. 84/10/26. MARTIN, R.D.
Region 4, Office of Director. 1p. 27462:011. 24X
Fiche:50-458,84/10/26,841130621.

841130641 Final Deficiency Rept DR-140 re engine-mounted fuel
oil line in standby diesel generators supplied by TDI. Fuel
oil piping & header assembly installed, per TDI Drawing
03-450-08. Not reportable per 10CFR50.55(e).
BOOKER, J.E. Gulf States Utilities Co. 84/10/26. MARTIN, R.D.
Region 4, Office of Director. 1p. 27462:043. 24X
Fiche:50-458,84/10/26,841130641.

DOCKETED ITEMS

307

8411130660 Interim Deficiency Rept DR-225 re motor torque specified for motor operated valves supplied by Velon Engineering, Ltd. Interim or final status rept will be provided by 841220. BOOKER, J. E. Gulf States Utilities Co. 84/10/26. MARTIN, R. D. Region 4, Office of Director. 1p. 27461:164. 24X Fiche: 50-458, 84/10/26, 8411130660.

8411140019 Final Deficiency Rept DR-240 re random trip output of Westinghouse Type SA-1 differential relays. Future relays will be mfg to latest design techniques by vendor. Vendor notified customers through Product Reliability Ltr 84-62. BOOKER, J. E. Gulf States Utilities Co. 84/10/26. MARTIN, R. D. Region 4, Office of Director. 3pp. 27493:261. 24X Fiche: 50-458, 84/10/26, 8411140019.

8411140516 Interim Deficiency Rept DR-185 re placement of two isolation valves outside containment for RCIC turbine exhaust line vacuum breaker sys. Interim or final status rept will be provided by 850116. BOOKER, J. E. Gulf States Utilities Co. 84/10/26. MARTIN, R. D. Region 4, Office of Director. 1p. 27495:297. 24X Fiche: 50-458, 84/10/26, 8411140516.

8411140599 Interim Deficiency Rept DR-223 re installation of mechanical snubbers supplied by Pacific Scientific. Next rept will be submitted by 841211. BOOKER, J. E. Gulf States Utilities Co. 84/10/26. MARTIN, R. D. Region 4, Office of Director. 1p. 27495:131. 24X Fiche: 50-458, 84/10/26, 8411140599.

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions. KAISER, A. F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. 5pp. 27299:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

8411140320 Final Deficiency Rept DR-249 re mechanical interlocking sys of WJ Woolley personnel airlocks. Initially reported on 840927. WJ Woolley redesigning interlock cam & linkage lever for proper operation. BOOKER, J. E. Gulf States Utilities Co. 84/10/29. MARTIN, R. D. Region 4, Office of Director. 3pp. 27491:257. 24X Fiche: 50-458, 84/10/29, 8411140320.

8411190107 Interim Deficiency Rept DR-126 re standby 480-volt load ctrs supplied by Powell Electric. Next rept will be provided by 841130. BOOKER, J. E. Gulf States Utilities Co. 84/10/30. MARTIN, R. D. Region 4, Office of Director. 1p. 27567:327. 24X Fiche: 50-458, 84/10/30, 8411190107.

8411190112 Interim Deficiency Rept DR-230 re air start valve in Cylinder 8 of standby diesel generator supplied by TDI. Next rept will be provided by 841213. BOOKER, J. E. Gulf States Utilities Co. 84/10/30. MARTIN, R. D. Region 4, Office of Director. 1p. 27568:022. 24X Fiche: 50-458, 84/10/30, 8411190112.

8411190123 Interim Deficiency Rept DR-213 re pressure setting on safety relief valves for air start sys air receivers on HPCS diesel generator supplied by GE. Next rept will be provided by 850107. BOOKER, J. E. Gulf States Utilities Co. 84/10/30. MARTIN, R. D. Region 4, Office of Director. 1p. 27568:019. 24X Fiche: 50-458, 84/10/30, 8411190123.

8411200122 Interim Deficiency Rept DR-157 re ASME stock fittings w/painted exteriors & interiors. Next rept will be provided by 841205. BOOKER, J. E. Gulf States Utilities Co. 84/10/31. MARTIN, R. D. Region 4, Office of Director. 1p. 27585:275. 24X Fiche: 50-458, 84/10/31, 8411200122.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review." RAY, C. L. Duke Power Co. 84/11/01. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 8411140052.

8411190129 Interim Deficiency Rept DR-220 re seats on cylinder heads of standby diesel generators supplied by TDI. Next rept will be provided by 841219. BOOKER, J. E. Gulf States Utilities Co. 84/11/01. MARTIN, R. D. Region 4, Office of Director. 1p. 27567:346. 24X Fiche: 50-458, 84/11/01, 8411190129.

8411190138 Interim Deficiency Rept DR-219 re conduit supports & clamps for aluminum conduit. Next rept will be provided by 841206. BOOKER, J. E. Gulf States Utilities Co. 84/11/01. MARTIN, R. D. Region 4, Office of Director. 1p. 27568:015. 24X Fiche: 50-458, 84/11/01, 8411190138.

8411260541 Interim Deficiency Rept DR-221 re fire deck wall thickness of cylinder heads in TDI standby diesel generators. Next rept will be provided by 841220. BOOKER, J. E. Gulf States Utilities Co. 84/11/01. MARTIN, R. D. Region 4, Office of Director. 1p. 27644:332. 24X Fiche: 50-458, 84/11/01, 8411260541.

8411210324 Final Deficiency Rept DR-241 re unbalance of silicon control rectifier bridge currents in voltage regulator on standby diesel generator supplied by TDI. Initially reported on 840831. Condition not reportable per 10CFR50.55(e). BOOKER, J. E. Gulf States Utilities Co. 84/11/03. MARTIN, R. D. Region 4, Office of Director. 2pp. 27617:026. 24X Fiche: 50-458, 84/11/03, 8411210324.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec, figures of failed crankshaft & summary of tensile tests encl. RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys. RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

8411140344 Forwards revised Page 3-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells" for TDI Enterprise Engines." RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 8411140344.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411260448 Final Deficiency Rept DR-164 re intermixing of welding rods. Weld joints adequate to perform intended safety function. Conditions not reportable per 10CFR50.55(e). BOOKER, J. E. Gulf States Utilities Co. 84/11/06. MARTIN, R. D. Region 4, Office of Director. 1p. 27645:119. 24X Fiche: 50-458, 84/11/06, 8411260448.

8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion. RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 8411150011.

8411260262 Interim Deficiency Rept DR-227 re push rod sockets in rocker arm assemblies for TDI Standby Diesel Generator 1EG8ME01A. Interim or final status rept will be provided by 850116. BOOKER, J. E. Gulf States Utilities Co. 84/11/07. MARTIN, R. D. Region 4, Office of Director. 1p. 27613:138. 24X Fiche: 50-458, 84/11/07, 8411260262.

8411280332 Interim Deficiency Rept DR-197 re seismic testing of Category I leakage control sys air compressor used for penetration valves. Next rept will be provided by 850117. BOOKER, J. E. Gulf States Utilities Co. 84/11/07. MARTIN, R. A. Region 4, Office of Director. 1p. 27684:034. 24X Fiche: 50-458, 84/11/07, 8411280332.

8411290228 Interim Deficiency Rept DR-232 re insulation for motors of valves supplied by Velon Engineering, Ltd. Interim or final rept will be provided by 850110. BOOKER, J. E. Gulf States Utilities Co. 84/11/07. MARTIN, R. D. Region 4, Office of Director. 1p. 27718:329. 24X Fiche: 50-458, 84/11/07, 8411290228.

8411280323 Interim Deficiency Rept DR-208 re pin connection compatibility for snubber assembly supplied by Bergen Paterson. Next rept will be provided by 850130. BOOKER, J. E. Gulf States Utilities Co. 84/11/08. MARTIN, R. D. Region 4, Office of Director. 1p. 27684:033. 24X Fiche: 50-458, 84/11/08, 8411280323.

8411280410 Interim Deficiency Rept DR-182 re Limitorque motor operator failure on feedwater isolation valve. Next rept will be provided by 850130. BOOKER, J. E. Gulf States Utilities Co. 84/11/08. MARTIN, R. D. Region 4, Office of Director. 1p. 27684:060. 24X Fiche: 50-458, 84/11/08, 8411280410.

DOCKETED ITEMS

8411290544 Interim Deficiency Rept DR-231 re cylinder liners in standby Diesel Generator 1EGS*EO1A supplied by TDI. Next rept will be provided by 850119.
BOOKER, J.E. Gulf States Utilities Co. 84/11/08. MARTIN, R.D. Region 4, Office of Director. 1p. 27722:087. 24X
Fiche: 50-458, 84/11/08, 8411290544.

8411280445 Interim Deficiency Rept DR-177 re design, mfg & installation of coaxial & instrumentation cable to meet requirements of GE neutron monitoring sys. Damaged cables replaced.
Next rept will be provided by 841221.
ENGLAND, L.A., BOOKER, J.E. Gulf States Utilities Co. 84/11/09.
MARTIN, R.D. Region 4, Office of Director. 3pp. 27689:170. 24X
Fiche: 50-458, 84/11/09, 8411280445.

8411280505 Final Deficiency Rept DR-202 re active thrust bearings in turbochargers for standby diesel generators supplied by TDI. N&D 6258 & 6259 generated & dispositioned for rework by replacing identical parts.
BOOKER, J.E. Gulf States Utilities Co. 84/11/09. MARTIN, R.D. Region 4, Office of Director. 3pp. 27687:357. 24X
Fiche: 50-458, 84/11/09, 8411280505.

8411280572 Final Deficiency Rept DR-205 re improperly installed lugs on motor leads of motor operated valves supplied by Limitorque. Initially reported on 841011. Terminal lugs replaced. New wiring std in effect.
BOOKER, J.E. Gulf States Utilities Co. 84/11/12. MARTIN, R.D. Region 4, Office of Director. 3pp. 27687:342. 24X
Fiche: 50-458, 84/11/12, 8411280572.

8411280551 Interim Deficiency Rept DR-229 re in-core guide tube stabilizers supplied by GE. Next rept will be provided by 850123.
BOOKER, J.E. Gulf States Utilities Co. 84/11/13. MARTIN, R.D. Region 4, Office of Director. 1p. 27689:109. 24X
Fiche: 50-458, 84/11/13, 8411280551.

8411280560 Interim Deficiency Rept DR-151 re partial penetration welds for square groove, butt-welded, HVAC ductwork. Next rept will be provided by 841219.
BOOKER, J.E. Gulf States Utilities Co. 84/11/13. MARTIN, R.E. Region 4, Office of Director. 1p. 27689:117. 24X
Fiche: 50-458, 84/11/13, 8411280560.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability."
Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16.
EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X
Fiche: 50-000, 84/11/16, 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

--8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp.
27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

DOCKET 50-459 RIVER BEND STATION, UNIT 2

G. Adjudicatory correspondence

8411270202 Memorandum & order terminating proceeding re remaining safety contentions & granting util request to withdraw application for OL for Unit 2. All issues resolved. Served on 841120.
COTTER, B.P. Atomic Safety and Licensing Board Panel. #484 240. 84/11/20. Gulf States Utilities Co. 10pp. 27629:102. 24X
Fiche: 50-458, 84/11/20, 8411270202.

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche: 50-000, 84/09/19, 8411080347.

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 8411140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06.
BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche: 50-000, 84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06.
BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche: 50-000, 84/11/06, 8411080326.

8411140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 8411140344.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche: 50-000, 84/11/06, 8411190524.

841150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07.
BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 841150011.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability."
Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16.
EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X
Fiche: 50-000, 84/11/16, 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche: 50-000, 84/11/27, 8411290194.

--8411290233 "Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp.
27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.

DOCKET 50-460 WPPSS NUCLEAR PROJECT, UNIT 1

I. Financial information

8409040220 Responds to FOIA request for 12 categories of documents re WPPSS. Forwards box of financial files. Review for addl records sub. to request continuing.
FELTON, J.M. Division of Rules and Records. WPPSS. 84/08/24.
COHEN, B.K. Meredith & Cohen, P.C. 1p. 27060:004. 24X
Fiche: 50-000, 84/08/24, 8409040220.

G. Inspection reports, IE Bulletins & correspondence

8411260242 Requests that quality of Bahnsen HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnsen equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

DOCKETED ITEMS

309

S. Reportable occurrences, LERs & related correspondence

8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load.
GEORGE, J.B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 84/09/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:192. 24X Fiche:50-000,84/09/19, 8411080347.

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche:50-000,84/10/29, 8411020137.

8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche:50-000,84/11/01, 8411140052.

8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche:50-000,84/11/06, 8411080235.

8411080326 Forwards response to 840920 request for addl info re electrical transients experienced by TDI diesels & synchronization instrumentation & design provisions to minimize transients while paralleling diesel w/grid sys.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche:50-000,84/11/06, 8411080326.

8411140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche:50-000,84/11/06, 8411140344.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche:50-000,84/11/06, 8411190524.

8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to dual fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche:50-000,84/11/07, 8411150011.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche:50-000,84/11/16, 8411260049.

8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:216. 24X Fiche:50-000,84/11/27, 8411290194.

--8411290233 "Investigation of Types AN & AH Piston Skirts."
+ Failure Analysis Associates. FAAA-84-10-30. 84/11/30. 78pp. 27678:218. 24X Fiche:50-000,84/11/27, 8411290194.

DOCKET 50-461 CLINTON POWER STATION, UNIT 1

A. Application/construction stage documents & correspondence

8410050227 Forwards suggested review items re general design control submitted w/840331 ltr proposing independent design review. Description of origin of document provided.
HALL, D.P. Illinois Power Co. 84/09/28. MILHOAN, J.L. NRC - No Detailed Affiliation Given. 7pp. 27263:132. 24X Fiche:50-461,84/09/28, 8410050227.

841010247 Forwards response to Generic Ltr 83-28 re Salem ATWS events, per 840523 commitment.
SPANENBERG, F. Illinois Power Co. 84/10/01. SCHWENCER, A. Licensing Branch 2. 1924pp. 26924:078. 24X Fiche:50-461,84/10/01, 841010247.

8411010235 Provides quarterly const schedule update per HR Denton 810529 ltr. Critical path schedule analysis indicates nuclear boiler 54 days behind schedule. Commercial operation rescheduled to begin 860710.
HALL, D.P. Illinois Power Co. 84/10/26. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27232:001. 24X Fiche:50-461,84/10/26, 8411010235.

8411060234 Notification of 841109 meeting w/util & Atty General of State of IL in Chicago, IL to discuss technical resolution of Contention III re control room design & instrumentation for post-accident monitoring.
SIEGEL, B. Licensing Branch 2. 84/10/26. SCHWENCER, A. Licensing Branch 2. 3pp. 27329:352. 24X Fiche:50-461,84/10/26, 8411060234.

8411060433 Requests concurrence in interpretation of paragraph of protocol re independent design review plan. Addition of paragraph re inclusion of NRC & Atty General of Illinois in telcons between util & Bechtel requested.
HALL, D.P. Illinois Power Co. 84/11/01. SCHWENCER, A. Licensing Branch 2. 3pp. 27316:328. 24X Fiche:50-461,84/11/01, 8411060433.

8411090049 Confirms 841113 meeting in Rosemont, IL to discuss second interim rept of Bechtel Corp independent design review.
NORELIUS, C.E. Region 3, Office of Director. 84/11/06. GERSTNER, W.C. Illinois Power Co. 1p. 27398:310. 24X Fiche:50-461,84/11/06, 8411090049.

8411190308 Informs that Hydrogen Control Owners Group scheduled to submit generic plan providing addl info on CLASIX-3 code to NRC by 841221. Util will review plan & submit further response by 850119, per 840914 request.
SPANENBERG, F. Illinois Power Co. 84/11/09. SCHWENCER, A. Licensing Branch 2. 1p. 27553:341. 24X Fiche:50-461,84/11/09, 8411190308.

8411260416 Forwards response to Samelson 841026 comments re Bechtel first progress rept on independent design review. Status of responses to Samelson request for documents listed.
GEIER, J.D. Illinois Power Co. 84/11/12. MILHOAN, J.L. GA Branch. 10pp. 27611:312. 24X Fiche:50-461,84/11/12, 8411260416.

8411200047 Forwards Sargent & Lundy response to Observation Rept 8. Rev 1, re separation of non-Class 1E components from Class 1E dc power source.
VICTOR, H.R. Illinois Power Co. 84/11/14. PARKINSON, G.L. Bechtel Corp. 6pp. 27579:010. 24X Fiche:50-461,84/11/14, 8411200047.

8411200108 Forwards Sargent & Lundy response to Rev 0 to Observation Rept 31 re possible design discrepancy in shutdown svc water sys Valves 18X095 A & B.
VICTOR, H.R. Illinois Power Co. 84/11/14. PARKINSON, G.L. Bechtel Corp. 7pp. 27578:191. 24X Fiche:50-461,84/11/14, 8411200108.

8411200116 Forwards Sargent & Lundy response to Rev 0 to Observation Rept 17 re possible design discrepancy in shutdown svc water sys active valves.
VICTOR, H.R. Illinois Power Co. 84/11/14. PARKINSON, G.L. Bechtel Corp. 6pp. 27579:135. 24X Fiche:50-461,84/11/14, 8411200116.

8411200202 Forwards Sargent & Lundy response to Rev 0 to Observation Rept 25 re rigidity of motor & air operated valves w/extended masses. Rept reviewed by util.
VICTOR, H.R. Illinois Power Co. 84/11/14. PARKINSON, G.L. Bechtel Corp. 6pp. 27577:126. 24X Fiche:50-461,84/11/14, 8411200202.

8411200208 Forwards Sargent & Lundy response to Rev 0 to Observation Rept 32 re potential fault in Class 1E ac electrical sys. Rept reviewed by util.
VICTOR, H.R. Illinois Power Co. 84/11/14. PARKINSON, G.L. Bechtel Corp. 7pp. 27577:186. 24X Fiche:50-461,84/11/14, 8411200208.

8411200369 Forwards Sargent & Lundy response to Observation Rept 13. Rev 0, re hot gap checks for pipe rupture restraints.
VICTOR, H.R. Illinois Power Co. 84/11/14. PARKINSON, G.L. Bechtel Corp. 11pp. 27571:340. 24X Fiche:50-461,84/11/14, 8411200369.

8411260071 Forwards tracking charts re percent complete util profile, nuclear power program key events & sys turnover schedule. Charts updated through period ending 840930 in response to Jul 1984 request. Quarterly updates to be sent.
SPANENBERG, F. Illinois Power Co. 84/11/14. SIEGEL, B.L. Licensing Branch 2. 4pp. 27615:174. 24X Fiche:50-461,84/11/14, 8411260071.

DOCKETED ITEMS

8411280235 Forwards request for addl info re TMI Action Item II.D.1 concerning relief & safety valve test requirements. Response requested within 45 days.
SCHWENCER, A. Licensing Branch 2. 84/11/14. SPANGENBERG, F. Illinois Power Co. 3pp. 27675:359. 24X Fiche: 50-461, 84/11/14, 8411280235.

8411280437 Forwards interim rept, "Conformance to Reg Guide 1.97, Clinton Power Station Unit 1," based on review of Util 830909 submittal. Response to unjustified exceptions identified in rept requested within 45 days of ltr receipt.
SCHWENCER, A. Licensing Branch 2. 84/11/14. SPANGENBERG, F. Illinois Power Co. 3pp. 27682:312. 24X Fiche: 50-461, 84/11/14, 8411280437.

--8411030022 "Conformance to Reg Guide 1.97, Clinton Power Station Unit 1," interim rept.
VANDERBEEK, R. EG&G, Inc. FIN A-4493. 84/10/31. NRC - No Detailed Affiliation Given. 18pp. 27682:315. 24X Fiche: 50-461, 84/11/14, 8411280437.

8411290094 Confirms 841127 meeting in Chicago, IL to discuss substantive matters re observation repts made during Bechtel independent design review.
NORELIUS, C.E. Region 3, Office of Director. 84/11/16.
GERSTNER, W.C. Illinois Power Co. 1p. 27721:120. 24X Fiche: 50-461, 84/11/16, 8411290094.

E. NRC Safety Evaluation Report (SER), suppl's & correspondence

8411010127 Forwards response to NRC 840907 comments re emergency operating procedures generation package, per Generic Ltr 82-33 & SER Confirmatory Issue 41. GE reviewing procedures per requirements of NUREG-0737, Item I.C.7.
SPANGENBERG, F. Illinois Power Co. 84/10/24. SCHWENCER, A. Licensing Branch 2. 20pp. 27232:179. 24X Fiche: 50-461, 84/10/24, 8411010127.

8411200126 Discusses program to resolve local encroachment issue re Humphrey concerns, per SER Confirmatory Issue 71. Details of hydraulic control unit floor analysis & evaluations of piping & other structures will be submitted by 841201.
SPANGENBERG, F. Illinois Power Co. 84/11/15. SCHWENCER, A. Licensing Branch 2. 2pp. 27579:262. 24X Fiche: 50-461, 84/11/15, 8411200126.

8411260303 Forwards addl info re TMI Action Item II.K.3.28, "Verify Qualification of Accumulators on Automatic Depressurization Sys Valves" (SER Confirmatory Issue 47). W/ four oversize drawings. Aperture cards in PDR.
SPANGENBERG, F. Illinois Power Co. 84/11/19. SCHWENCER, A. Licensing Branch 2. 8pp. 27647:197. 24X Fiche: 50-461, 84/11/19, 8411260303.

F. Security, medical, emergency & fire protection plans

8411070285 Forwards Insp Rept 50-461/84-26 on 840904-06 & 25-27. No noncompliance noted.
GREGER, L.R. Region 3, Office of Director. 84/10/18. GERSTNER, W.C. Illinois Power Co. 2pp. 27388:321. 24X Fiche: 50-461, 84/10/18, 8411070285.

--8411070289 Insp Rept 50-461/84-26 on 840904-06 & 25-27. No violations or deviations noted. Major areas inspected: radiowaste & radiation protection program, including staffing, test procedures, ALARA program & facility tour.
PAUL, R.A., MILLER, D.E. Region 3, Office of Director. 84/10/18. 6pp. 27388:323. 24X Fiche: 50-461, 84/10/18, 8411070285.

8411010127 Forwards response to NRC 840907 comments re emergency operating procedures generation package, per Generic Ltr 82-33 & SER Confirmatory Issue 41. GE reviewing procedures per requirements of NUREG-0737, Item I.C.7.
SPANGENBERG, F. Illinois Power Co. 84/10/24. SCHWENCER, A. Licensing Branch 2. 20pp. 27232:179. 24X Fiche: 50-461, 84/10/24, 8411010127.

--8411010148 Rev 2 to 3C10-1082-002, "Implementation of BWR Emergency Procedure Guidelines Into Specific Emergency Procedures."
BRAINER, D.H. Illinois Power Co. 84/02/17. 9pp. 27232:199. 24X Fiche: 50-461, 84/10/24, 8411010127.

8411130368 Forwards Preoperational Physical Protection Insp Rept 50-461/84-34 on 841016-19. No noncompliance noted.
AXELSON, M.L. Region 3, Office of Director. 84/11/07. GERSTNER, W.C. Illinois Power Co. 2pp. 27439:025. 24X Fiche: 50-461, 84/11/07, 8411130368.

--8411130377 Preoperational Physical Protection Insp Rept 50-461/84-34 on 841016-19. No noncompliance noted. Major areas inspected: actions in planning, scheduling & implementation of security program. Details withheld (ref 10CFR73.21).
PIRTLE, G.L., CREED, J.R. Region 3, Office of Director. 84/11/07. 1p. 27439:027. 24X Fiche: 50-461, 84/11/07, 8411130368.

G. Adjudicatory correspondence

8411200001 Supplemental responses to applicant interrogatories re Contentions 2 & 3. Certificate of Svc encl. Related correspondence.
SAMUELSON, A. Illinois, State of. #484 219. 84/11/15. Illinois Power Co. 37pp. 27579:050. 24X Fiche: 50-461, 84/11/15, 8411200001.

8411200272 Forwards first supplemental response to Prairie Alliance first round of discovery & third supplemental response to State of IL first & second set of interrogatories. Related correspondence.
FOX, C.D. Schiff, Hardin & Waite. FOX, C.D. Illinois Power Co. #484 238. 84/11/15. Docketing & Services Branch. 1p. 27573:250. 24X Fiche: 50-461, 84/11/15, 8411200272.

--8411200279 First supplemental response to Prairie Alliance first round of discovery. Certificate of Svc encl. Related correspondence.
HALL, D.P. Illinois Power Co. #484. 84/11/15. Prairie Alliance. 20pp. 27573:251. 24X Fiche: 50-461, 84/11/15, 8411200272.

--8411200284 Third supplemental response to State of IL first set of interrogatories. Certificate of Svc encl. Related correspondence.
HALL, D.P. Illinois Power Co. #484. 84/11/15. Illinois, State of. 879pp. 27573:271. 24X Fiche: 50-461, 84/11/15, 8411200272.

--8411200292 Third supplemental response to State of IL second set of interrogatories. Certificate of Svc encl. Related correspondence.
HALL, D.P. Illinois Power Co. 84/11/15. Illinois, State of. 67pp. 27576:070. 24X Fiche: 50-461, 84/11/15, 8411200272.

G. Inspection reports, IE Bulletins & correspondence

8411130259 Forwards Insp Rept 50-461/84-24 on 840820, 27, 29, 0904 & 1001. No noncompliance noted.
LITTLE, W.S. Region 3, Office of Director. 84/10/17. GERSTNER, W.C. Illinois Power Co. 2pp. 27459:294. 24X Fiche: 50-461, 84/10/17, 8411130259.

--8411130266 Insp Rept 50-461/84-24 on 840820, 27, 29, 0904 & 1001. No noncompliance noted. Major areas inspected: quality records, procedures & welding activities for containment vessel rework.
JACOBSON, J.M., DANIELSON, D.H. Region 3, Office of Director. 84/10/17. 4pp. 27459:296. 24X Fiche: 50-461, 84/10/17, 8411130259.

8411130438 Forwards Insp Rept 50-461/84-25 on 840827-1002. No noncompliance noted.
WARNICK, R.F. Region 3, Office of Director. 84/10/17. GERSTNER, W.C. Illinois Power Co. 2pp. 27462:045. 24X Fiche: 50-461, 84/10/17, 8411130438.

--8411130475 Insp Rept 50-461/84-25 on 840827-1002. No noncompliance noted. Major areas inspected: const & preoperational testing activities, including employee concerns, review of operator training & operating staff knowledge.
KNOP, R.C. Region 3, Office of Director. 84/10/17. 6pp. 27462:047. 24X Fiche: 50-461, 84/10/17, 8411130438.

8411070285 Forwards Insp Rept 50-461/84-26 on 840904-06 & 25-27. No noncompliance noted.
GREGER, L.R. Region 3, Office of Director. 84/10/18. GERSTNER, W.C. Illinois Power Co. 2pp. 27388:321. 24X Fiche: 50-461, 84/10/18, 8411070285.

--8411070289 Insp Rept 50-461/84-26 on 840904-06 & 25-27. No violations or deviations noted. Major areas inspected: radiowaste & radiation protection program, including staffing, test procedures, ALARA program & facility tour.
PAUL, R.A., MILLER, D.E. Region 3, Office of Director. 84/10/18. 6pp. 27388:323. 24X Fiche: 50-461, 84/10/18, 8411070285.

8411130492 Forwards Insp Rept 50-461/84-23 on 840726-27, 0802-03, 0911-14 & 18-19. No noncompliance noted.
LITTLE, W.S. Region 3, Office of Director. 84/10/22. GERSTNER, W.C. Illinois Power Co. 2pp. 27462:349. 24X Fiche: 50-461, 84/10/22, 8411130492.

DOCKETED ITEMS

311

--8411130501 Insp Rept 50-461/84-23 on 840726-27, 0802-03, 0911-14 & 18-19. No noncompliance or deviations noted. Major areas inspected: allegations & items identified in previous insp. KEATING, D. E., JACOBSON, J., JONES, D. Region 3, Office of Director. 84/10/19. 7pp. 27462:351. 24X Fiche: 50-461, 84/10/22, 8411130492.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411020188 Requests 841120 meeting w/NRC to discuss resolution of code boundary jurisdiction between ASME Section III, Subsection NF, 1974 Edition, Summer 1974 addenda & American Inst of Steel Const stds, per Insp Rept 50-461/83-09. SPANGENBERG, F. Illinois Power Co. 84/10/29. SIEGEL, B. L. NRC - No Detailed Affiliation Given. 1p. 27257:197. 24X Fiche: 50-461, 84/10/29, 8411020188.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411190184 Forwards Independent Design Review Implementation Insp Rept 50-461/84-39 on 841017-19. Areas needing improvement identified. Plans for resolution of items requested for 841113 meeting. GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/11/06. HALL, D. P. Illinois Power Co. 5pp. 27384:253. 24X Fiche: 50-461, 84/11/06, 8411190184.

--8411190196 Independent Design Review Implementation Insp Rept 50-461/84-39 on 841017-19. Areas needing improvement include: procedures & protocol, observation repts & Guidelines. IMBRO, E. V., MILHOAN, J. L. GA Branch. 84/11/01. 14pp. 27384:258. 24X Fiche: 50-461, 84/11/06, 8411190184.

8411130368 Forwards Preoperational Physical Protection Insp Rept 50-461/84-34 on 841016-19. No noncompliance noted. AXELSON, W. L. Region 3, Office of Director. 84/11/07. GERSTNER, W. C. Illinois Power Co. 2pp. 27439:025. 24X Fiche: 50-461, 84/11/07, 8411130368.

--8411130377 Preoperational Physical Protection Insp Rept 50-461/84-34 on 841016-19. No noncompliance noted. Major areas inspected: actions in planning, scheduling & implementation of security program. Details withheld (ref 10CFR73.21). PIRTLE, G. L., CREED, J. R. Region 3, Office of Director. 84/11/07. 1p. 27439:027. 24X Fiche: 50-461, 84/11/07, 8411130368.

8411200101 Forwards Insp Rept 50-461/84-29 on 841001-05. No noncompliance noted. LITTLE, W. S. Region 3, Office of Director. 84/11/07. GERSTNER, W. C. Illinois Power Co. 2pp. 27577:327. 24X Fiche: 50-461, 84/11/07, 8411200101.

--8411200106 Insp Rept 50-461/84-29 on 841001-05. No noncompliance or deviations noted. Major areas inspected: actions on previous insp findings, const deficiency rept & reinsp program in electrical areas. LOVE, R. S., TANI, K. S., WILLIAMS, C. C. Region 3, Office of Director. 84/11/01. 11pp. 27577:329. 24X Fiche: 50-461, 84/11/07, 8411200101.

8411290033 Forwards Insp Rept 50-461/84-31 on 841010-12. No noncompliance noted. WARNICK, R. F. Region 3, Office of Director. 84/11/07. GERSTNER, W. C. Illinois Power Co. 2pp. 27721:092. 24X Fiche: 50-461, 84/11/07, 8411290033.

--8411290039 Insp Rept 50-461/84-31 on 841010-12. No noncompliance noted. Major areas inspected: allegations & review of licensee action on open items. KNOX, R. C. Region 3, Office of Director. 84/11/07. 9pp. 27721:094. 24X Fiche: 50-461, 84/11/07, 8411290033.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411200487 Forwards errata to "Modified Paragraph 4" of 841106 ltr re proposed protocol rev to insp discrepancy rept. Written summary of each conversation will be provided by Bechtel. SCHWENCER, A. Licensing Branch 2. 84/11/08. HALL, D. P. Illinois Power Co. 2pp. 27598:166. 24X Fiche: 50-461, 84/11/08, 8411200487.

8411280607 Forwards Mgt Meeting Rept 50-461/84-33 on 841016. Meeting agenda encl. DAVIS, A. B. Region 3, Office of Director. 84/11/08. GERSTNER, W. C. Illinois Power Co. 2pp. 27689:070. 24X Fiche: 50-461, 84/11/08, 8411280607.

--8411280608 Mgt Meeting Rept 50-461/84-33 on 841016. Areas discussed: status of const of facility, change in emphasis of NRC insp program toward startup test & operating organization & licensee program for staffing & startup. NORELIUS, C. E. Region 3, Office of Director. 84/11/07. 35pp. 27689:072. 24X Fiche: 50-461, 84/11/08, 8411280607.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411030420 Interim Deficiency Rept 55-84-11 re uncertified flanges installed in ASME sys & stainless steel thread-o-lets. Initially reported on 840525. Investigation to determine extent of problem continuing. HALL, D. P. Illinois Power Co. 84/10/18. KEPPLER, J. Q. Region 3, Office of Director. 4pp. 27283:357. 24X Fiche: 50-461, 84/10/18, 8411030420.

8411060170 Final Deficiency Rept 55-83-10 re weld defects on containment dome liner. Initially reported on 831201. Crack in dome liner repaired & welds cleaned. Vacuum box tested or excavated/repaired. HALL, D. P. Illinois Power Co. 84/10/18. KEPPLER, J. Q. Region 3, Office of Director. 5pp. 27352:335. 24X Fiche: 50-461, 84/10/18, 8411060170.

8411060502 Interim Deficiency Rept 55-84-02 re traceability of electrical hanger matls. Initially reported on 840111. Baldwin Assoc Procedure BAP 1.5 revised to clarify traceability requirements. HALL, D. P. Illinois Power Co. 84/10/18. KEPPLER, J. Q. Region 3, Office of Director. 5pp. 27352:294. 24X Fiche: 50-461, 84/10/18, 8411060502.

8411130195 Interim Deficiency Rept 55-84-14 re Baldwin Assoc GA vendor surveillance. Addl 30 days requested to complete evaluation & next interim rept. HALL, D. P. Illinois Power Co. 84/10/22. KEPPLER, J. Q. Region 3, Office of Director. 1p. 27460:012. 24X Fiche: 50-461, 84/10/22, 8411130195.

8411130316 Interim Deficiency Rept 55-84-20 re structural steel coatings. Initially reported on 840921. Investigation continuing. Next rept will be submitted within 90 days. HALL, D. P. Illinois Power Co. 84/10/24. KEPPLER, J. Q. Region 3, Office of Director. 4pp. 27499:306. 24X Fiche: 50-461, 84/10/24, 8411130316.

8411190238 Deficiency rept re A-36 steel plate matl. Purchase orders to Interstate Steel Supply Co. receiving insp repts & certified matl repts from various manufacturers encl, per request for info pertinent to 10CFR50.55(e) Investigation 84-18. HALL, D. P. Illinois Power Co. 84/10/25. CORTLAND, P. NRC - No Detailed Affiliation Given. 200pp. 27566:131. 24X Fiche: 50-461, 84/10/25, 8411190238.

8411130278 Final Deficiency Rept 55-84-15 re fabrication & installation of skewed auxiliary steel connections w/o approved design details. Initially reported on 840629. Details now in design drawings. Item not reportable per 10CFR50.55(e). HALL, D. P. Illinois Power Co. 84/10/26. KEPPLER, J. Q. Region 3, Office of Director. 3pp. 27459:344. 24X Fiche: 50-461, 84/10/26, 8411130278.

DOCKETED ITEMS

8411130464 Interim Potential Deficiency Rept 55-84-12 re installation of concrete expansion anchors in floors w/finishing slabs. Initially reported on 840604. Investigation continuing. Next rept will be submitted within 90 days.
HALL, D.P. Illinois Power Co. 84/10/26. KEPLER, J.G. Region 3, Office of Director. 4pp. 27458:355. 24X Fiche: 50-461, 84/10/26. 8411130464.

8411210076 Final rept of Potential Deficiency 55-83-08 re damage to guard pipe bellows assemblies. Initially reported on 830627. Item not reportable per 10CFR50.55(e).
HALL, D.P. Illinois Power Co. 84/10/31. KEPLER, J.G. Region 3, Office of Director. 4pp. 27606:298. 24X Fiche: 50-461, 84/10/31. 8411210076.

8411210071 Interim rept of Potential Deficiency 55-84-13 re suppression pool monitoring sys. Initially reported on 840607. Caused by design error. Suppression pool monitoring sys design modified to include addl temp monitoring elements.
HALL, D.P. Illinois Power Co. 84/11/02. KEPLER, J.G. Region 3, Office of Director. 3pp. 27606:255. 24X Fiche: 50-461, 84/11/02. 8411210071.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411260220 Final Deficiency Rept 55-84-03 re installation of concrete expansion anchors. Initially reported on 840111. Baldwin Assoc Procedure 2.16 revised to incorporate GC insp & hold points. Item not reportable per 10CFR50.55(e).
HALL, D.P. Illinois Power Co. 84/11/07. KEPLER, J.G. Region 3, Office of Director. 3pp. 27645:299. 24X Fiche: 50-461, 84/11/07. 8411260220.

8411260016 Final Deficiency Rept 55-84-09 re certification of matls supplied by Rockwell Engineering & Carbon Steel Products. Training programs developed. Item not reportable per 10CFR50.55(e).
HALL, D.P. Illinois Power Co. 84/11/13. KEPLER, J.G. Region 3, Office of Director. 4pp. 27613:284. 24X Fiche: 50-461, 84/11/13. 8411260016.

T. Hearing transcripts on non-antitrust matters

8411070019 Forwards errata to & stenographic rept of Clinton independent design review first progress meeting held in Rosemont, IL on 841016. Svc list encl.
PARKINSON, G.L. Bechtel Corp. 84/10/27. GEIER, J.D. Illinois Power Co. 1p. 27358:186. 24X Fiche: 50-461, 84/10/27. 8411070019.

--8411070024 Errata to transcript of 841016 first Clinton independent design review progress meeting in Rosemont, IL.
* GA Branch. 84/10/16. 4pp. 27358:187. 24X Fiche: 50-461, 84/10/27. 8411070019.

--8411070030 Transcript of 841016 first Clinton independent design review progress meeting in Rosemont, IL.
* GA Branch. 84/10/16. 216pp. 27358:191. 24X Fiche: 50-461, 84/10/27. 8411070019.

DOCKET STN-50-470 CESSAR SYSTEM 80

A. Application/construction stage documents & correspondence

8411010092 Requests within 10 days, description of corrective measures to CESSAR Sys 80 design, intended actions to verify design control adequacy & schedule for submittal of requested design changes.
THOMAS, C.O. Standardization & Special Projects Branch. 84/10/22. SCHERER, A.E. Combustion Engineering, Inc. 3pp. 27271:350. 24X Fiche: 50-470, 84/10/22. 8411010092.

8411130606 Notification of 841109 meeting w/C-E in Bethesda, MD to discuss info on operability of shutdown cooling sys relief valves used in Sys 80 design.
ECCLESTON, K.T. Standardization & Special Projects Branch. 84/11/02. THOMAS, C.O. Standardization & Special Projects Branch. 5pp. 27471:327. 24X Fiche: 50-470, 84/11/02. 8411130606.

8411140196 Responds to 841022 request for description of measures undertaken to address apparent inconsistencies between Palo Verde Tech Specs & CESSAR-F. Slides from 841004 meeting, discussing verified & possible inconsistencies, encl.
SCHERER, A.E. Combustion Engineering, Inc. 84/11/06. EISENHUT, D.G. Division of Licensing. 29pp. 27467:041. 24X Fiche: 50-470, 84/11/06. 8411140196.

8411280297 Forwards info presented at 841109 meeting re shutdown cooling sys relief valve operability & Crosby steam production tests for Crosby 6R10, JD-56 relief valve, per request.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/26. KNIGHTON, G. Licensing Branch 3. 2pp. 27662:057. 24X Fiche: 50-000, 84/11/26. 8411280297.

--8411280301 "Summary Rept on Design Basis of Shutdown Cooling Sys Relief Valves for CESSAR Sys 80."
* Combustion Engineering, Inc. 84/11/30. 10pp. 27662:059. 24X Fiche: 50-000, 84/11/26. 8411280297.

E. NRC Safety Evaluation Report (SER), supp's & correspondence

8411280242 Forwards SSER. Three of four changes requested in 840803 ltr to DG Eisenhut re CESSAR SER & SSER acceptable. Fourth requested change re block valves associated w/atmospheric dump valve still under review.
THOMAS, C.O. Standardization & Special Projects Branch. 84/11/15. SCHERER, A.E. Combustion Engineering, Inc. 5pp. 27683:205. 24X Fiche: 50-470, 84/11/15. 8411280242.

--8411280246 SSER confirming that radiological consequences of steam generator tube rupture w/single failure would be less than 10CFR100 guideline values.
* NRC - No Detailed Affiliation Given. 84/11/15. 4pp. 27683:210. 24X Fiche: 50-470, 84/11/15. 8411280242.

DOCKET 50-471 PILGRIM NUCLEAR POWER STATION, UNIT 2

S. Reportable occurrences, LERs & related correspondence

8411290219 FOIA request for documents re electrical relay failures including Class 1E relay failures at listed plants & utilization of GE Type HFA 31 Series ac relays or other relays using Lexan coil spool matl.
BELL, N. Nuclear Information & Resource Service. 84/04/25. Office of Administration. 2pp. 27698:352. 24X Fiche: 50-000, 84/04/25. 8411290219.

8411290240 Partial response to FOIA request for documents re electrical relay failures, including 1983 Class 1E relay failures at listed plants. Documents listed on encl printouts available in PDR.
FELTON, J.M. Division of Rules and Records. 84/05/17. BELL, N. Nuclear Information & Resource Service. 2pp. 27698:354. 24X Fiche: 50-000, 84/05/17. 8411290240.

8411260340 Responds to 841109 request for info re Riegel wrap retainer matl used in vendor stationary batteries installed in facilities. Floating matl removed from batteries at St Lucie & Bellefonte. Battery insp dates listed in encl.
WINANS, G. Allied C & D Power Systems. 84/11/12. WEISS, E. Director's Office, Office of Inspection and Enforcement. 2pp. 27609:348. 24X Fiche: 50-000, 84/11/12. 8411260340.

DOCKET STN-50-482 WOLF CREEK GENERATING STATION

A. Application/construction stage documents & correspondence

8411070319 Responds to 840309 & 0815 ltrs re proper implementation of design process. IDVP unnecessary.
EISENHUT, D.G. Division of Licensing. 84/10/18. KOESTER, G.L. Kansas Gas & Electric Co. 3pp. 27388:092. 24X Fiche: 50-482, 84/10/18. 8411070319.

8411060146 Forwards monthly status rept on plant-specific backfits through Aug 1984. Proposed mods to interim procedures, reflecting more accurate appeal process, being developed.
EISENHUT, D.G. Division of Licensing. 84/10/26. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 9pp. 27383:248. 24X Fiche: 50-000, 84/10/26. 8411060146.

8411090239 Requests partial exemption from 10CFR50, App J, Paragraph III, D.2(b)(1) testing requirements. Exemption allows reduced pressure leakage testing of containment air locks following periods when air locks open.
KOESTER, G.L. Kansas Gas & Electric Co. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27398:033. 24X Fiche: 50-482, 84/11/06. 8411090239.

8411130081 Forwards final draft Tech Specs developed using FSAR, SER, Rev 4 to Westinghouse STS & operating experience from other Westinghouse plants. After review, submission requested confirming accurate reflection of plant, FSAR & SER, w/o encl.
EISENHUT, D.G. Division of Licensing. 84/11/07. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27481:331. 24X Fiche: 50-482, 84/11/07. 8411130081.

DOCKETED ITEMS

313

E. NRC Safety Evaluation Report (SER), supp's & correspondence

841190452 Forwards Insp Rept 50-482/84-19 on 840730-0803. No violations or deviations noted.
DENISE, R.P. Region 4, Office of Director. 84/11/13. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27549:289. 24X
Fiche: 50-482, 84/11/13, 841190452.

--841190458 Insp Rept 50-482/84-19 on 840730-0803. No violations or deviations noted. Major areas inspected: physical security plan & fire protection program & compliance w/requirements of 10CFR50 App R, per FSAR commitments & SER evaluation.
MURPHY, M., MULLIKIN, R., FERGUSON, R. Region 4, Office of Director. 84/10/26. 19pp. 27549:291. 24X Fiche: 50-482, 84/11/13, 841190452.

F. Security, medical, emergency & fire protection plans

841190428 Forwards Insp Rept 50-482/84-31 on 840827-31. No violation or deviation noted.
HUNTER, D.R. Region 4, Office of Director. 84/11/13. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27553:024. 24X
Fiche: 50-482, 84/11/13, 841190428.

--841190437 Insp Rept 50-482/84-31 on 840827-31. No violation or deviation noted. Major areas inspected: physical security plan & implementing procedures. Details withheld (ref 10CFR73.21).
KELLY, J.A., HALL, R.E., MARTIN, L.E. Region 4, Office of Director. 84/11/13. 1p. 27553:026. 24X Fiche: 50-482, 84/11/13, 841190428.

841190452 Forwards Insp Rept 50-482/84-19 on 840730-0803. No violations or deviations noted.
DENISE, R.P. Region 4, Office of Director. 84/11/13. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27549:289. 24X
Fiche: 50-482, 84/11/13, 841190452.

--841190458 Insp Rept 50-482/84-19 on 840730-0803. No violations or deviations noted. Major areas inspected: implementation of fire protection program & compliance w/requirements of 10CFR50 App R, per FSAR commitments & SER evaluation.
MURPHY, M., MULLIKIN, R., FERGUSON, R. Region 4, Office of Director. 84/10/26. 19pp. 27549:291. 24X Fiche: 50-482, 84/11/13, 841190452.

8411260364 Rev 15 to radiological emergency response plan. W/841121 ltr.
KOESTER, G.L. Kansas Gas & Electric Co. 84/11/21. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 96pp. 27611:050. 24X Fiche: 50-482, 84/11/21, 8411260364.

8411270326 Responds to NRC 840920 request for assistance in responding to ASLB 840726 order asking for confirmation of eight items re offsite radiological emergency preparedness planning.
Encl 841114 memo indicates that License Condition 2 open.
KRIMM, R.W. Federal Emergency Management Agency. 84/11/21.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 35pp. 27630:120. 24X Fiche: 50-482, 84/11/21, 8411270326.

G. Adjudicatory correspondence

8411270353 Informs of Commissioner Zech 841207 tour of plant. Notification of intent to have single representative attend requested by 841203. Served on 841123.
CLAUSEN, M.J. NRC - No Detailed Affiliation Given. #484 296. 84/11/21. Office of the Executive Legal Director. 1p. 27628:362. 24X Fiche: 50-482, 84/11/21, 8411270353.

G. Inspection reports, IE Bulletins & correspondence

8411030324 Forwards Insp Rept 50-482/84-15 on 840522-0809. No violations or deviations noted.
DENISE, R.P. Region 4, Office of Director. 84/09/06. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27308:271. 24X
Fiche: 50-482, 84/09/06, 8411030324.

--8411030332 Insp Rept 50-482/84-15 on 840522-0809. No violations or deviations noted. Major areas inspected: preoperational test procedures, followup on allegations, cleaning & insulation of piping & action on previous insp findings.
BUNDY, H.F., CARPENTER, D.R., BRESLAU, B. Region 4, Office of Director. 84/08/31. 14pp. 27308:273. 24X Fiche: 50-482, 84/09/06, 8411030324.

8411030071 Forwards Insp Rept 50-482/84-20 on 840723-27 & 0806-10 & notice of violation.
DENISE, R.P. Region 4, Office of Director. 84/09/28. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27288:224. 24X
Fiche: 50-482, 84/09/28, 8411030071.

--8411030076 Notice of violation from insp on 840723-27 & 0806-10.
* Region 4, Office of Director. 84/09/28. 2pp. 27288:226. 24X
Fiche: 50-482, 84/09/28, 8411030071.

--8411030084 Insp Rept 50-482/84-20 on 840723-27 & 0806-10. Violation noted: failure to follow administrative procedures re control of preoperational testing.
SMITH, R., BRESLAU, B., MARTIN, L. Region 4, Office of Director. 84/09/12. 6pp. 27288:228. 24X Fiche: 50-482, 84/09/28, 8411030071.

8411030361 Forwards Insp Rept 50-482/84-12 on 840514-0831. No violations or deviations noted. Two unresolved items identified in Paragraphs 2 k & 3 a.
DENISE, R.P. Region 4, Office of Director. 84/10/12. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27287:313. 24X
Fiche: 50-482, 84/10/12, 8411030361.

--8411030373 Insp Rept 50-482/84-12 on 840514. No violations or deviations noted. Major areas inspected: followup to allegations, installation of electrical equipment & licensee actions on 10CFR50.55(e) items.
GILBERT, L.D., TAYLOR, R.G., MARTIN, L.E. Region 4, Office of Director. 84/09/27. 18pp. 27287:315. 24X Fiche: 50-482, 84/10/12, 8411030361.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411020253 Notification of significant licensee meeting on 841029 w/ util in Arlington, TX to conduct enforcement conference on structural steel welding.
MARTIN, L.E. Region 4, Office of Director. 84/10/26. Region 4, Office of Director. 1p. 27255:055. 24X Fiche: 50-482, 84/10/26, 8411020253.

8411130496 Forwards Insp Rept 50-482/84-22 on 840611-0928. Notice of violation will be transmitted separately. Enforcement meeting scheduled for 841029.
DENISE, R.P. Region 4, Office of Director. 84/10/26. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27462:324. 24X
Fiche: 50-482, 84/10/26, 8411130496.

--8411130497 Insp Rept 50-482/84-22 on 840611-0928. Noncompliance noted: failure to assure conformance of safety-related structural steel welds w/requirements & failure to maintain adequate electrical separation.
TAYLOR, R.G., ELLERSHAW, L.E., JACKSON, A.R. Region 4, Office of Director. 84/10/24. 13pp. 27462:326. 24X Fiche: 50-482, 84/10/26, 8411130496.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411090293 Forwards Insp Rept 50-482/84-37 on 840925-27. No violations or deviations noted. Emphasizes that senior mgt should be alert to indications of deleterious changes in quality first program.
DENISE, R.P. Region 4, Office of Director. 84/11/02. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27402:085. 24X
Fiche: 50-482, 84/11/02, 8411090293.

--8411090297 Insp Rept 50-482/84-37 on 840925-27. No violations or deviations noted. Major areas inspected: programs for investigation & resolution of quality concerns.
FOX, E.F., MADSEN, G.L., HAASS, W.P. Region 4, Office of Director. 84/10/24. 5pp. 27402:087. 24X Fiche: 50-482, 84/11/02, 8411090293.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411140287 Informs of review of Insp Rept 50-482/84-22 re deficient safety-related structural steel welds & failure to maintain adequate electrical separation. Requests best estimate of length of project delay due to rework of deficiencies.
LENNEN, M., LOUX, R.C., HENLEY, K.R. Kansas, State of. 84/11/05. EISENHUT, D. Division of Licensing. 4pp. 27469:327. 24X
Fiche: 50-482, 84/11/05, 8411140287.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27447:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKETED ITEMS

8411190428 Forwards Insp Rept 50-482/84-31 on 840827-31. No violation or deviation noted.
HUNTER, D.R. Region 4, Office of Director. 84/11/13. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27553:024. 24X
Fiche: 50-482, 84/11/13, 8411190428.

--8411190437 Insp Rept 50-482/84-31 on 840827-31. No violation or deviation noted. Major areas inspected: physical security plan & implementing procedures. Details withheld (ref 10CFR73.21).
KELLY, J.A., HALL, R.E., MARTIN, L.E. Region 4, Office of Director. 84/11/13. 1p. 27553:026. 24X Fiche: 50-482, 84/11/13, 8411190428.

8411190452 Forwards Insp Rept 50-482/84-19 on 840730-0803. No violations or deviations noted.
DENISE, R.P. Region 4, Office of Director. 84/11/13. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27549:289. 24X
Fiche: 50-482, 84/11/13, 8411190452.

--8411190458 Insp Rept 50-482/84-19 on 840730-0803. No violations or deviations noted. Major areas inspected: implementation of fire protection program & compliance w/requirements of 10CFR50 App R, per FSAR commitments & SER evaluation.
MURPHY, M., MULLIKIN, R., FERGUSON, R. Region 4, Office of Director. 84/10/26. 19pp. 27549:291. 24X Fiche: 50-482, 84/11/13, 8411190452.

8411260351 EN-84-068: on 841121, notice of violation & proposed imposition of civil penalty in amount of \$75,000 will be issued. Violation based on breakdown in insp & correction of defective safety-related structural steel welds.
BEACH, B., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/13. 1p. 27609:306. 24X Fiche: 50-482, 84/11/13, 8411260351.

8411290633 Confirms understandings reached during 841029 enforcement meeting. Util will proceed w/actions described in 841029 ltr, including Corrective Action Request 19 re welded connections.
MARTIN, R.D. Region 4, Office of Director. 84/11/15. KOESTER, G.L. Kansas Gas & Electric Co. 3pp. 27722:135. 24X
Fiche: 50-482, 84/11/15, 8411290633.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup."
Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411260242 Requests that quality of Bahnsen HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnsen equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

8411260261 Forwards Insp Rept 50-482/84-38 on 841001-12 & notice of violation.
DENISE, R.P. Region 4, Office of Director. 84/11/19. KOESTER, G.L. Kansas Gas & Electric Co. 2pp. 27613:124. 24X
Fiche: 50-482, 84/11/19, 8411260261.

--8411260266 Notice of violation from insp on 841001-12.
* Region 4, Office of Director. 84/11/19. 2pp. 27613:126. 24X
Fiche: 50-482, 84/11/19, 8411260261.

--8411260271 Insp Rept 50-482/84-38 on 841001-12. Violation noted: failure to follow administrative procedures re control of preoperational testing.
SMITH, R., BRESLAU, B., MARTIN, L.E. Region 4, Office of Director. 84/11/14. 10pp. 27613:128. 24X Fiche: 50-482, 84/11/19, 8411260261.

8411260278 Advises that Insp Rept 50-482/83-37 canceled.
HUNTER, D.R. Region 4, Office of Director. 84/11/19. KOESTER, G.L. Kansas Gas & Electric Co. 1p. 27613:100. 24X Fiche: 50-482, 84/11/19, 8411260278.

8411260354 Discusses insp on 840611-0928 & forwards notice of violation & proposed imposition of civil penalty.
MARTIN, R.D. Region 4, Office of Director. 84/11/21. KOESTER, G.L. Kansas Gas & Electric Co. 3pp. 27611:172. 24X
Fiche: 50-482, 84/11/21, 8411260354.

--8411260360 Notice of violation & proposed imposition of civil penalty in amount of \$75,000. Violation noted: insp program for safety-related structural steel welds inadequately executed.
MARTIN, R.D. Director's Office, Office of Inspection and Enforcement. 84/11/21. 4pp. 27611:173. 24X
Fiche: 50-482, 84/11/21, 8411260354.

8411280214 Forwards Insp Rept 50-482/84-28 on 840827-31. No violation or deviation noted.
DENISE, R.P. Region 4, Office of Director. 84/11/21. KOESTER, G.L. Kansas Gas & Electric Co. 3pp. 27657:102. 24X
Fiche: 50-482, 84/11/21, 8411280214.

--8411280220 Insp Rept 50-482/84-28 on 840827-31. No violation or deviation noted. Major areas inspected: radwaste program & transportation activities, including organization, training, liquid waste sys & gaseous waste sys.
HOLLEY, W.L., MURRAY, B., MARTIN, L.E. Region 4, Office of Director. 84/11/14. 10pp. 27657:105. 24X Fiche: 50-482, 84/11/21, 8411280214.

8411280317 Forwards QA Program Insp Rept 99900840/84-01 for util review. Util requested to maintain records of evaluation for future review by NRC inspector.
DENISE, R.P. Region 4, Office of Director. 84/11/26. KOESTER, G.L. Kansas Gas & Electric Co. 1p. 27661:024. 24X Fiche: 50-482, 84/11/26, 8411280317.

8411290105 Forwards response to IE Bulletin 84-03, "Refueling Cavity Water Seal." Seal design makes gross seal failure extremely unlikely & provides for adequate spent fuel cooling & safe recovery from postulated failure.
PETRICK, N.A. Standardized Nuclear Unit Power Plant System. 84/11/26. KEPPLER, J.O. Region 3, Office of Director. MARTIN, R.D. Region 4, Office of Director. 6pp. 27678:011. 24X
Fiche: 50-000, 84/11/26, 8411290105.

S. Reportable occurrences, LERs & related correspondence

8411050280 Final deficiency rept re wrapping not removed during mfg of Vulkens Supreme cable terminations. Initially reported on 830620. Cable replaced w/acceptable replacement cable that does not have tight, nearly-invisible wrapping.
KOESTER, G.L. Kansas Gas & Electric Co. 84/10/17. HUNTER, D.R. Region 4, Office of Director. 2pp. 27328:316. 24X
Fiche: 50-482, 84/10/17, 8411050280.

8411050287 Final deficiency rept re I-beam fabrication discrepancies. Initially reported on 831201. Item not reportable per 10CFR50.55.
KOESTER, G.L. Kansas Gas & Electric Co. 84/10/17. HUNTER, D.R. Region 4, Office of Director. 1p. 27328:318. 24X
Fiche: 50-482, 84/10/17, 8411050287.

8411060571 Interim deficiency rept re insps of structural steel weldings. Initially reported on 840918. Corrective action program will be initiated, including reinsp effort to identify nonconforming structural steel welds.
KOESTER, G.L. Kansas Gas & Electric Co. 84/10/17. HUNTER, D.R. Region 4, Office of Director. 2pp. 27350:184. 24X
Fiche: 50-482, 84/10/17, 8411060571.

8411060174 Final deficiency rept re determined leads within control panel for turbine driven auxiliary feedwater pump. Initially reported on 840920. Conductors reterminated & other connections in panel FC-219 tightened.
KOESTER, G.L. Kansas Gas & Electric Co. 84/10/22. HUNTER, D.R. Region 4, Office of Director. 1p. 27351:333. 24X
Fiche: 50-482, 84/10/22, 8411060174.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche: 50-000, 84/11/06, 8411190524.

8411280046 Final deficiency rept re ex-core neutron detector field cabling. Initially reported on 841009. All damaged triaxial cables & connectors repaired &/or replaced. All insulation panels verified to be properly reinstalled.
KOESTER, G.L. Kansas Gas & Electric Co. 84/11/09. DENISE, R.P. Region 4, Office of Director. 1p. 27684:204. 24X
Fiche: 50-482, 84/11/09, 8411280046.

DOCKETED ITEMS

315

8411290584 Final deficiency rept re pressurizer PORV failing to close during preoperational test. Initially reported on 841011. Resolution will be provided by 841119.
KOESTER, G. L. Kansas Gas & Electric Co. 84/11/13. DENISE, R. P. Region 4, Office of Director. 4pp. 27722:180. 24X
Fiche: 50-482, 84/11/13, 8411290584.

8411290557 Final deficiency rept re turbine driven auxiliary feedwater pump governor valve stem guide bushings. Initially reported on 841017. Investigation revealed that defective parts described by Terry Corp installed at facility.
KOESTER, G. L. Kansas Gas & Electric Co. 84/11/16. DENISE, R. P. Region 4, Office of Director. 1p. 27722:105. 24X
Fiche: 50-482, 84/11/16, 8411290557.

V. Operator Examinations

8411020124 Staff requirements memo re Commission 841022 briefing in Washington, DC re status of near-term OLs & Asseelstine request for info on status of operator training & operator exams.
CHILK, S. J. Office of the Secretary of the Commission. 84/10/24.
DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27262:286. 24X
Fiche: 50-000, 84/10/24, 8411020124.

DOCKET STN-50-483 CALLAWAY PLANT, UNIT 1

D. NRC Draft/Final Environmental Statements, suppls & correspondence

8411200238 Forwards NUREG-0813, "FES re Operation of Plant," per 841029 request. Rate changes not considered in NRC review. Util would provide info on environ impact & rate changes resulting from plant. W/o encl.
HOLNICH, J. J. Licensing Branch 1. 84/11/09. NETTLES, J. S. Affiliation Not Assigned. 1p. 27597:355. 24X
Fiche: 50-483, 84/11/09, 8411200238.

E. NRC Safety Evaluation Report (SER), suppls & correspondence

8411130431 Forwards Insp Rept 50-483/84-32 on 840701-0915. No noncompliance noted.
WARNICK, R. F. Region 3, Office of Director. 84/10/17. SCHNELL, D. F. Union Electric Co. 2pp. 27459:072. 24X
Fiche: 50-483, 84/10/17, 8411130431.

--8411130434 Insp Rept 50-483/84-32 on 840701-0915. No noncompliance or deviations noted. Major areas inspected: vendor insp repts, SER items, license conditions, operating events & startup test witnessing.
FORNEY, W. L. Region 3, Office of Director. 84/10/17. 14pp. 27459:074. 24X
Fiche: 50-483, 84/10/17, 8411130431.

8411070331 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF CALLAWAY PLANT, UNIT ONE, Docket No. 50-483. (Union Electric Company)
* Union Electric Co. NUREG-0830 S04. 84/10/31. 80pp. Available at NRC. \$4.50. 27386:180. 24X
Fiche: 50-483, 84/10/31, 8411070331.

F. Security, medical, emergency & fire protection plans

8411060323 Forwards Rev 4 to plant security plan. Rev withheld (ref 10CFR73.21).
* Union Electric Co. 84/10/25. KEPLER, J. NRC - No Detailed Affiliation Given. 1p. 27321:042. 24X
Fiche: 50-483, 84/10/25, 8411060323.

8411150060 Forwards physical security plan, safeguards contingency plan & security force training & qualification plan. Plans withheld (ref 10CFR73.21).
MILTENBERGER, S. Union Electric Co. 84/10/31. KEPLER, J. O. Region 3, Office of Director. 3pp. 27503:148. 24X
Fiche: 50-483, 84/10/31, 8411150060.

8411280394 Forwards request for addl info re hazard associated w/ introduction of exhaust gases into control room, per Region III request for NRR evaluation. Response within 30 days requested.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/09. SCHNELL, D. F. Union Electric Co. 3pp. 27682:352. 24X
Fiche: 50-483, 84/11/09, 8411280394.

8411270393 Temporary Change Notice 84-1498 to Rev 5 to Emergency Plan Implementing Procedure EIP-22-00201, "Notifications."
* Union Electric Co. 84/11/20. 4pp. 27628:268. 24X
Fiche: 50-483, 84/11/20, 8411270393.

H. General correspondence

8411070180 Requests info re flaw indication (crack) discovered on 840806 at Indian Point 2 vessel during 10-yr inservice insp.
DREY, L. Affiliation Not Assigned. 84/10/27. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27368:078. 24X
Fiche: 50-483, 84/10/27, 8411070180.

J. Insurance & indemnity information

8411290077 Unexecuted Amend 2 to Indemnity Agreement B-93, replacing Item 3 in entirety.
SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/10/18. 1p. 27692:230. 24X
Fiche: 50-483, 84/10/18, 8411290077.

8411190550 Forwards executed Amend 2 to Indemnity Agreement B-93, effective 841018.
SCHNELL, D. F. Union Electric Co. 84/11/09. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 4pp. 27550:027. 24X
Fiche: 50-483, 84/11/09, 8411190550.

P. Operating license stage documents & correspondence

8411060073 Forwards evaluation of util 840106 info demonstrating operability of purge & vent valves. Licensee info acceptable.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/26. SCHNELL, D. F. Union Electric Co. 10pp. 27383:273. 24X
Fiche: 50-483, 84/10/26, 8411060073.

8411060146 Forwards monthly status rept on plant-specific backfits through Aug 1984. Proposed mods to interim procedures, reflecting more accurate appeal process, being developed.
EISENHUT, D. G. Division of Licensing. 84/10/26. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 9pp. 27383:248. 24X
Fiche: 50-000, 84/10/26, 8411060146.

8411070322 Informs of correction of ref to Tech Spec 4.6.1.3 in Tech Spec 3.3.3.7 re nuclear organization. Portion of 841008 amend request need not be processed.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/26. SCHNELL, D. F. Union Electric Co. 3pp. 27387:359. 24X
Fiche: 50-483, 84/10/26, 8411070322.

8411080353 Responds to Generic Ltr 84-15 re diesel generator reliability. Reduction in number of cold fast start surveillance tests & diesel generator reliability & data discussed.
SCHNELL, D. F. Union Electric Co. 84/10/30. EISENHUT, D. G. Division of Licensing. 9pp. 27392:175. 24X
Fiche: 50-483, 84/10/30, 8411080353.

8411200386 TECHNICAL SPECIFICATIONS FOR CALLAWAY PLANT, UNIT NO. 1. Docket No. 50-483. (Union Electric Company)
ANDERSON, F. D. Division of Licensing. NUREG-1058 R01. 84/10/31. 491pp. Available at NRC. \$9.50. 27598:252. 24X
Fiche: 50-483, 84/10/31, 8411200386.

8411160241 Forwards advanced set of corrected pages to Tech Specs, NUREG-1058, Rev 1. Printed version of NUREG-1058, Rev 1 will be forwarded when available.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/01. SCHNELL, D. F. Union Electric Co. 48pp. 27565:287. 24X
Fiche: 50-483, 84/11/01, 8411160241.

8411140582 Requests publication of FR notice of consideration of issuance of amend to License NPF-25 & proposed NSHC determination & opportunity for hearing re 841008 application on onsite review committee.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/05. MILLER, J. R. Operating Reactors Branch 3. 4pp. 27526:347. 24X
Fiche: 50-483, 84/11/05, 8411140582.

8411130576 Requests publication of FR notice of consideration of issuance of amend to License NPF-25 & proposed NSHC determination & opportunity for hearing re addition of waste release tanks.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/06. MILLER, J. R. Operating Reactors Branch 3. 4pp. 27472:066. 24X
Fiche: 50-483, 84/11/06, 8411130576.

8411160329 Ack receipt of 840928 request for suspension of low power license & denial of full power license. Based on NRC evaluation, request denied. FR notice encl.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 84/11/07. GARDE, B. Government Accountability Project. 3pp. 27563:354. 24X
Fiche: 50-483, 84/11/07, 8411160329.

DOCKETED ITEMS

--B411160341 Notice of Govt Accountability Project B40928 10CFR2.206 request for suspension of license pending investigation of allegations re improper const practices & other improper conduct by plant workers.
CASE, E. G. Office of Nuclear Reactor Regulation, Director.
B4/11/07. 1p. 27563:358. 24X Fiche:50-483,84/11/07,8411160329.

--B411160349 Requests notice 14 days prior to issuance of DL in order to consider & pursue other legal remedies.NRC consideration of B41002 10CFR2.206 petition insufficient.
GARDE, B.P., VARRICCHIO, M. Government Accountability Project.
B4/10/17. DENTON, H. Office of Nuclear Reactor Regulation, Director. 1p. 27563:359. 24X Fiche:50-483,84/11/07,8411160329.

B411200378 Notification of B41127 meeting w/utills in Bethesda, MD to discuss SNUPPS revised steam generator tube rupture analysis.
HOLDNICH, J. J., O'CONNOR, P. W. Licensing Branch 1. B4/11/08.
YOUNGBLOOD, B. J. Licensing Branch 1. 5pp. 27577:299. 24X Fiche:50-483,84/11/08,8411200378.

G. Inspection reports, IE Bulletins & correspondence

B411050439 Forwards Insp Rept 50-483/84-44 on B40925-27 & 1002-03 & notice of violation.
SPESSARD, R. L. Region 3, Office of Director. B4/10/12. SCHNELL, D. F. Union Electric Co. 2pp. 27328:089. 24X Fiche:50-483,84/10/12,8411050439.

--B411050490 Notice of violation from insp on B40925-27 & 1002-03.
SPESSARD, R. L. Region 3, Office of Director. B4/10/12. 1p. 27328:091. 24X Fiche:50-483,84/10/12,8411050439.

--B411050493 Insp Rept 50-483/84-44 on B40925-27 & 1002-03. Noncompliance noted: procedure for evaluation of Level V commodities did not provide complete guidance for justification of commercial grade purchases.
WESTBERG, R., KROPP, W., HAWKINS, F. Region 3, Office of Director.
B4/10/12. 5pp. 27328:092. 24X Fiche:50-483,84/10/12,8411050439.

B411130431 Forwards Insp Rept 50-483/84-32 on B40701-0915. No noncompliance noted.
WARNICK, R. F. Region 3, Office of Director. B4/10/17. SCHNELL, D. F. Union Electric Co. 2pp. 27459:072. 24X Fiche:50-483,84/10/17,8411130431.

--B411130434 Insp Rept 50-483/84-32 on B40701-0915. No noncompliance or deviations noted. Major areas inspected: vendor insp repts, SER items, license conditions, operating events & startup test witnessing.
FORNEY, W. L. Region 3, Office of Director. B4/10/17. 14pp. 27459:074. 24X Fiche:50-483,84/10/17,8411130431.

B411130378 Forwards Insp Rept 50-483/84-36 on B40730-0803 & 13-17. Ltr re noncompliance encl. w/o ltr.
KEPPLER, J. G. Region 3, Office of Director. B4/10/19. SCHNELL, D. F. Union Electric Co. 2pp. 27459:056. 24X Fiche:50-483,84/10/19,8411130378.

--B411130385 Insp Rept 50-483/84-36 on B40730-0803 & 13-17. Noncompliance noted: failure to have two independent containment spray sys operable during Mode 4.
PELKE, P. R., FORNEY, W. L. Region 3, Office of Director. B4/10/19. 10pp. 27459:058. 24X Fiche:50-483,84/10/19,8411130378.

B410250031 IE Info Notice B4-77, "Incident Involving Telotherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post B30103). B4/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche:50-000,84/10/26,8410250031.

B411010388 IE Info Notice B4-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche:50-000,84/11/02,8411010388.

B411010487 IE Info Notice B4-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche:50-000,84/11/05,8411010487.

B411060254 IE Info Notice B4-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche:50-000,84/11/08,8411060254.

B411160030 Ack receipt of B41026 ltr informing NRC of steps taken to correct noncompliance noted in Insp Rept 50-483/84-34.
* Region 3, Office of Director. B4/11/09. Union Electric Co. 1p. 27539:086. 24X Fiche:50-483,84/11/09,8411160030.

--B411160037 Responds to NRC B40928 ltr re noncompliance noted in Insp Rept 50-483/84-34. Corrective actions: WR-025113 issued on B40607 to disassemble, inspect & rework valve seats of Check Valves V-001 & V-004. No valve damage present.
SCHNELL, D. F. Union Electric Co. B4/10/26. SPESSARD, R. L. Region 3, Office of Director. 4pp. 27539:087. 24X Fiche:50-483,84/11/09,8411160030.

B411190501 Ack receipt of B41108 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-483/84-44.
SPESSARD, R. L. Region 3, Office of Director. B4/11/14. Union Electric Co. 1p. 27553:323. 24X Fiche:50-483,84/11/14,8411190501.

--B411190509 Responds to NRC B41012 ltr re violations noted in Insp Rept 50-483/84-44. Corrective actions: representative sample of 72 purchase orders closed after B40101 reviewed & Procedures WEP-ZZ-00001 & APA-ZZ-00400 revised.
SCHNELL, D. F. Union Electric Co. B4/11/08. SPESSARD, R. L. Region 3, Office of Director. 3pp. 27553:324. 24X Fiche:50-483,84/11/14,8411190501.

B411200320 Responds to NRC B41019 ltr re violations & proposed imposition of civil penalties noted in Insp Rept 50-483/84-36. Corrective actions: procedures revised to require lamp test on partial trip status panel.
SCHNELL, D. F. Union Electric Co. B4/11/15. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. 7pp. 27571:079. 24X Fiche:50-483,84/11/15,8411200320.

B411150041 IE Info Notice B4-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche:50-000,84/11/16,8411150041.

B411150072 Suppl 1 to IE Info Notice B4-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche:50-000,84/11/16,8411150072.

B411150034 IE Info Notice B4-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post B30103). B4/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche:50-000,84/11/19,8411150034.

B411260242 Requests that quality of Bahnsen HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnsen equipment.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post B30103). B4/11/19. MURLEY, T. E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche:50-000,84/11/19,8411260242.

B411290105 Forwards response to IE Bulletin B4-03, "Refueling Cavity Water Seal." Seal design makes gross seal failure extremely unlikely & provides for adequate spent fuel cooling & safe recovery from postulated failure.
PETRICK, N. A. Standardized Nuclear Unit Power Plant System. B4/11/26. KEPPLER, J. G. Region 3, Office of Director. MARTIN, R. D. Region 4, Office of Director. 6pp. 27678:011. 24X Fiche:50-000,84/11/26,8411290105.

R. Periodic operating reports & related correspondence

B411150336 Monthly operating rept for Sept 1984. W/B41005 ltr.
PATTERSON, J. T., BRYANT, K. R., MILTENBERGER, S. Union Electric Co. B4/09/30. 6pp. 27528:356. 24X Fiche:50-483,84/09/30,8411150336.

B411200036 Monthly operating rept for Oct 1984. W/B41107 ltr.
PATTERSON, J. T., BRYANT, K. R., MILTENBERGER, S. Union Electric Co. B4/10/31. 7pp. 27585:172. 24X Fiche:50-483,84/10/31,8411200036.

S. Reportable occurrences, LERs & related correspondence

B411030634 LER B4-042-00: on B40923, unplanned reactor trip & feedwater isolation signal occurred during testing of power range nuclear instrumentation. Caused by detector input cables incorrectly removed from channel. W/B41023 ltr.
NASLUND, C. D., MILTENBERGER, S. Union Electric Co. B4/10/23. 4pp. 27283:145. 24X Fiche:50-483,84/10/23,8411030634.

8411060569 LER 84-043-00: on 840925, four steam line low pressure channels declared inoperable. Caused by setpoints on each lead-log controller being incorrectly calibrated. Incorrect procedure revised & affected loops recalibrated. W/841025 ltr. NASLUND, C.D., MILTENBERGER, S. Union Electric Co. 84/10/25. 5pp. 27350:179. 24X Fiche: 50-483, 84/10/25, 8411060569.

8411090206 LER 84-045-00: on 840930, feedwater isolation signal received as result of reactor trip signal & low RCS average temp. Caused by reactor trip bypass breaker locally closed but immediately reopened. W/841029 ltr. TAYLOR, M.E., MILTENBERGER, S. Union Electric Co. 84/10/29. 4pp. 27417:004. 24X Fiche: 50-483, 84/10/29, 8411090206.

8411140211 LER 84-047-00: on 841006, removal of control power fuses initiated source range hi flux signal causing reactor trip & feedwater isolation. Caused by personnel error. Rev to administrative procedure being reviewed. W/841102 ltr. NASLUND, C.D., MILTENBERGER, S. Union Electric Co. 84/11/02. 4pp. 27492:304. 24X Fiche: 50-483, 84/11/02, 8411140211.

8411160032 LER 84-046-00: on 841005, reactor trip occurred & listed ESFs inadvertently actuated due to low level signals received from steam generator B level transmitters. Cause unknown. W/841105 ltr. NASLUND, C.D., MILTENBERGER, S. Union Electric Co. 84/11/05. 5pp. 27545:185. 24X Fiche: 50-483, 84/11/05, 8411160032.

8411160050 LER 84-048-00: on 841006, 11 & 22, feedwater isolation signal generated when reactor trip breaker A immediately reopened when operators tried to close reactor trip breakers. Cause uncertain. Followup to be issued by 850201. W/841105 ltr. NASLUND, C.D., MILTENBERGER, S. Union Electric Co. 84/11/05. 1p. 27545:193. 24X Fiche: 50-483, 84/11/05, 8411160050.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411190088 LER 84-049-00: on 841009 & 25, steam generator B main steam outlet pressure indication AB-P1-325 & condensate storage tank to auxiliary feedwater pump suction header pressure indicator found out of spec, respectively. W/841108 ltr. TAYLOR, M.E., MILTENBERGER, S. Union Electric Co. 84/11/08. 4pp. 27567:331. 24X Fiche: 50-483, 84/11/08, 8411190088.

8411190227 LER 84-042-01: on 840923, unplanned reactor trip & feedwater isolation signal occurred during testing of power range nuclear instrumentation. Caused by high voltage & detector input cables incorrectly removed. W/841108 ltr. NASLUND, C.D., MILTENBERGER, S. Union Electric Co. 84/11/08. 4pp. 27567:140. 24X Fiche: 50-483, 84/11/08, 8411190227.

8411290017 Special rept: on 840808, inadvertent safety injection occurred. Caused by failed lamps in partial trip status panel. Failed lamps replaced & design change implemented. MILTENBERGER, S. Union Electric Co. 84/11/08. KEPLER, J.G. Region 3, Office of Director. 2pp. 27721:103. 24X Fiche: 50-483, 84/11/08, 8411290017.

8411190588 LER 84-053-00: on 841017, discovered that required grab sample not taken in preceding 24 h period. Caused by failure to update status board used to schedule grab samples. Personnel counseled & retrained. W/841109 ltr. SHANKS, V.J., MILTENBERGER, S. Union Electric Co. 84/11/09. 4pp. 27567:195. 24X Fiche: 50-483, 84/11/09, 8411190588.

8411190590 LER 84-051-00: on 841014, feedwater isolation signal received when hi-hi steam generator level signal generated. Caused by improper operator control of steam dumps. Personnel briefed on possible steam dump problems. W/841109 ltr. POOLE, D.C., MILTENBERGER, S. Union Electric Co. 84/11/09. 4pp. 27567:191. 24X Fiche: 50-483, 84/11/09, 8411190590.

8411280413 LER 84-052-00: on 841016, switchyard bus inadvertently isolated causing undervoltage on corresponding ESF bus & manual reactor trip. Caused by inadequate breaker failure control scheme. Scheme under evaluation for mod. W/841115 ltr. LEUTNER, R.H., MILTENBERGER, S. Union Electric Co. 84/11/15. 5pp. 27589:160. 24X Fiche: 50-483, 84/11/15, 8411280413.

8411260446 LER 84-054-00: on 841019 & 21, power range nuclear instrumentation channels caused fluctuations in steam generator water levels. Caused by high gain input to steam generator level control circuitry. W/841116 ltr. TAYLOR, M.E., MILTENBERGER, S. Union Electric Co. 84/11/16. 5pp. 27649:114. 24X Fiche: 50-483, 84/11/16, 8411260446.

DOCKET 50-496 MONTAGUE NUCLEAR POWER STATION, UNIT 1

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKET 50-497 MONTAGUE NUCLEAR POWER STATION, UNIT 2

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl. GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

DOCKET STN-50-498 SOUTH TEXAS PROJECT, UNIT 1

A. Application/construction stage documents & correspondence

8411030275 Forwards followup Phase II anchor bolt program. Rept closes out Activities 4, 5 & 7. Related correspondence. OPREA, G.W. Houston Lighting & Power Co. #484 283. 84/10/01. MARTIN, R.D. Region 4, Office of Director. 4pp. 27289:354. 24X Fiche: 50-498, 84/10/01, 8411030275.

8411010408 Forwards Rev 1 to "Control of Heavy Loads, Response to Generic Ltr 81-07." Rev reflects resolution of EG&G comments re load handling sys & considered final rept. GOLDBERG, J.H. Houston Lighting & Power Co. 84/10/19. EISENHUT, D.G. Division of Licensing. 3pp. 27252:001. 24X Fiche: 50-498, 84/10/19, 8411010408.

--8411010420 Rev 1 to "Control of Heavy Loads, Response to Generic Ltr 81-07 for South Texas Project Units 1 & 2." * Houston Lighting & Power Co. 84/10/31. 188pp. 27252:004. 24X Fiche: 50-498, 84/10/19, 8411010408.

8411200494 Summary of 840913 meeting w/util in Bethesda, MD re resumption of OL safety review. Viewgraphs & list of attendees encl. NERSES, V. Licensing Branch 3. 84/11/05. Licensing Branch 3. 24pp. 27598:129. 24X Fiche: 50-498, 84/11/05, 8411200494.

DOCKETED ITEMS

F. Security, medical, emergency & fire protection plans

8411190139 Notification of 841120 meeting w/util in Bethesda, MD to discuss fire protection design for diesel oil storage tank & concentrated cable areas. Agenda encl.
NERSSES, V. Licensing Branch 3. 84/10/31. KNIGHTON, G.W. Licensing Branch 3. 5pp. 27568:206. 24X Fiche: 50-498, 84/10/31, 8411190139.

G. Adjudicatory correspondence

8411010648 Forwards MH Simon 841019 request for rotation of next ASLB meetings from Houston to Bay City, TX, for svc to parties. Served on 841101.
BECHHOEFER, C. Atomic Safety and Licensing Board Panel. #484 858.
84/10/31. PLEASANT, E. Docketing & Services Branch. 1p. 27251:060.
24X Fiche: 50-498, 84/10/31, 8411010648.

--8411010654 Requests rotation of next ASLB meetings from Houston to Bay City, TX due to public interest.
SIMON, M.H. Matagorda County Nuclear Advocates. 84/10/19.
BECHHOEFER, C. Atomic Safety and Licensing Board Panel. 1p. 27251:061. 24X Fiche: 50-498, 84/10/31, 8411010648.

8411090345 Corrects minor reporting error in transcript of 841016 prehearing conference in Houston, TX. Error affects position on reportability under McGuire doctrine. Quadrex rept not related to any individual issue or testimony.
PERLIS, R.G. Hearing Branch 3. #484 048. 84/11/07. BECHHOEFER, C., HILL, E.E., LAMB, J.C. Atomic Safety and Licensing Board Panel. 2pp. 27400:130. 24X Fiche: 50-498, 84/11/07, 8411090345.

8411130598 Requests ASLB issue order establishing 850121 as deadline for responses to staff Phase II rept on const GA. Related correspondence.
AXELRAD, M. Neuman & Holtzinger. AXELRAD, M. Houston Lighting & Power Co. #484 073. 84/11/09. BECHHOEFER, C., LAMB, J.C., HILL, E.E. Atomic Safety and Licensing Board Panel. 2pp. 27458:262. 24X Fiche: 50-498, 84/11/09, 8411130598.

8411200354 Responds to 841017 memorandum & order re Brown & Root position on Phase II proceedings. Position set forth clear & eminently fair. Petition for right to intervene unnecessary.
REASONER, H.M. Vinson & Elkins. REASONER, H.M. Brown & Root, Inc. (subs. of Halliburton Co.). #484 192. 84/11/09. BECHHOEFER, C. Atomic Safety and Licensing Board Panel. 2pp. 27571:156. 24X Fiche: 50-498, 84/11/09, 8411200354.

8411140485 Order requiring notification by 841203 of individual arguing on behalf of each party. Respondents shall also notify whether agreement reached on allocation of time. Served on 841114.
SHOEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 126. 84/11/13. Office of the Executive Legal Director. 2pp. 27491:031. 24X Fiche: 50-498, 84/11/13, 8411140485.

8411200246 Fifth prehearing conference order adopting 841025 & 1107 corrections proposed by applicant & NRC, respectively, defining issues to be heard in Phase II of OL proceeding. Served on 841119.
BECHHOEFER, C. Atomic Safety and Licensing Board Panel. #484 224. 84/11/16. 12pp. 27577:348. 24X Fiche: 50-498, 84/11/16, 8411200246.

8411270222 Notice of oral argument on 841213 in Bethesda, MD re pending appeal of Citizens Concerned About Nuclear Power. Served on 841120.
SHOEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 239. 84/11/19. 1p. 27633:190. 24X Fiche: 50-498, 84/11/19, 8411270222.

8411290364 Requests that memo & matl from L. Sinkin be served to all parties in facility proceeding. Served on 841128.
SHOEMAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 339. 84/11/27. CLEMENTS, W.L. Docketing & Services Branch. 1p. 27676:264. 24X Fiche: 50-498, 84/11/27, 8411290364.

--8411290376 Notices of representation of Citizens Concerned About Nuclear Power, Inc. at 841213 oral argument. Listed changes in address & telephone number effective as of 841201. Served on 841128.
SINKIN, L. Citizens Concerned About Nuclear Power, Inc. 84/11/19.
SHOEMAKER, C.J. Docketing & Services Branch. 2pp. 27676:265. 24X Fiche: 50-498, 84/11/27, 8411290364.

H. General correspondence

8411190396 Expresses objections to NRC delegation of independent design review to internal component of util engineering process, including HD Woodson, per JH Goldberg 841102 ltr re util engineering assurance program.
SINKIN, L. Affiliation Not Assigned. 84/11/13. EISENHUT, D.O. Division of Licensing. 5pp. 27349:284. 24X Fiche: 50-498, 84/11/13, 8411190396.

K. Utility Final Safety Analysis Report (FSAR) & amends

8411270312 Forwards Amend 41 to FSAR for South Texas Project Units 1 & 2.
GOLDBERG, J.H. Houston Lighting & Power Co. 84/11/21. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 10pp. 27636:072. 24X Fiche: 50-498, 84/11/21, 8411270312.

--8411270314 Amend 41 to FSAR for South Texas Project Units 1 & 2.
* Houston Lighting & Power Co. 84/11/21. 780pp. 27636:082. 24X Fiche: 50-498, 84/11/21, 8411270312.

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411070014 Ack receipt of 840323 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-498/83-24 & 50-499/83-24.
JOHNSON, E.H. Region 4, Office of Director. 84/11/01. OPREA, G.W. Houston Lighting & Power Co. 2pp. 27359:265. 24X Fiche: 50-498, 84/11/01, 8411070014.

--8411070035 Responds to NRC 840130 ltr re violations noted in Insp Repts 50-498/83-24 & 50-499/83-24. Corrective actions: Pittsburgh Testing Lab redirected to perform future density testing in strict conformance w/ASTM D2049-69.
OPREA, G.W. Houston Lighting & Power Co. 84/03/23. COLLINS, J.T. Region 4, Office of Director. 9pp. 27359:267. 24X Fiche: 50-498, 84/11/01, 8411070014.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411130041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411130041.

8411130072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411130072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411280248 Forwards Insp Repts 50-498/84-12 & 50-499/84-12 on 840801-0930. No violations or deviations noted.
JOHNSON, E.H. Region 4, Office of Director. 84/11/23. OPREA, G.W. Houston Lighting & Power Co. 2pp. 27698:064. 24X Fiche: 50-498, 84/11/23, 8411280248.

--8411280255 Insp Repts 50-498/84-12 & 50-499/84-12 on 840801-0930. No violations or deviations noted. Major areas inspected: site tours, IE bulletin followup, allegation followup & previous insp findings.
TOMLINSON, D.P., CARPENTER, D.R., ELLERSHAW, L.E. Region 4, Office of Director. 84/11/13. 12pp. 27658:066. 24X Fiche: 50-498, 84/11/23, 8411280248.

DOCKETED ITEMS

319

S. Reportable occurrences, LERs & related correspondence

8411020265 Final deficiency rept re incomplete expansion of steam generator tubes. Initially reported on 840924. Tubes will be reworked to assure each tube expanded for full depth of tube sheet. Item not reportable per 10CFR50.55(e). OPREA, G.W. Houston Lighting & Power Co. 84/10/24. MARTIN, R.D. Region 4, Office of Director. 5pp. 27255:200. 24X Fiche: 50-498, 84/10/24, 8411020265.

8411260535 Final deficiency rept re defective Rosemount pressure transmitters. Initially reported on 841003. Affected transmitters returned to Rosemount for repair. Item not reportable per 10CFR50.55(e). OPREA, G.W. Houston Lighting & Power Co. 84/11/02. MARTIN, R.D. Region 4, Office of Director. App. 27645:009. 24X Fiche: 50-498, 84/11/02, 8411260535.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl. HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411290548 Fourth interim deficiency rept re corrosion in safety injection sys weld. Initially reported on 831020. Welds & piping mats replaced where evidence of corrosion found. Next rept will be submitted by 850331. OPREA, G.W. Houston Lighting & Power Co. 84/11/15. MARTIN, R.D. Region 4, Office of Director. App. 27720:269. 24X Fiche: 50-498, 84/11/15, 8411290548.

DOCKET STN-50-499 SOUTH TEXAS PROJECT, UNIT 2

A. Application/construction stage documents & correspondence

8411030275 Forwards followup Phase II anchor bolt program. Rept closes out Activities 4, 5 & 7. Related correspondence. OPREA, G.W. Houston Lighting & Power Co. #484 283. 84/10/01. MARTIN, R.D. Region 4, Office of Director. App. 27289:354. 24X Fiche: 50-498, 84/10/01, 8411030275.

8411010408 Forwards Rev 1 to "Control of Heavy Loads. Response to Generic Ltr 81-07." Rev reflects resolution of EQ&G comments re load handling sys & considered final rept. GOLDBERG, J.M. Houston Lighting & Power Co. 84/10/19. EISENHUT, D.O. Division of Licensing. 3pp. 27252:001. 24X Fiche: 50-498, 84/10/19, 8411010408.

--8411010420 Rev 1 to "Control of Heavy Loads. Response to Generic Ltr 81-07 for South Texas Project Units 1 & 2." * Houston Lighting & Power Co. 84/10/31. 188pp. 27252:004. 24X Fiche: 50-498, 84/10/19, 8411010408.

8411200494 Summary of 840913 meeting w/util in Bethesda, MD re resumption of DL safety review. Viewgraphs & list of attendees encl. NERSES, V. Licensing Branch 3. 84/11/05. Licensing Branch 3. 24pp. 27598:129. 24X Fiche: 50-498, 84/11/05, 8411200494.

F. Security, medical, emergency & fire protection plans

8411190139 Notification of 841120 meeting w/util in Bethesda, MD to discuss fire protection design for diesel oil storage tank & concentrated cable areas. Agenda encl. NERSES, V. Licensing Branch 3. 84/10/31. KNIGHTON, G.W. Licensing Branch 3. 5pp. 27568:206. 24X Fiche: 50-498, 84/10/31, 8411190139.

J. Adjudicatory correspondence

8411010648 Forwards MH Simon 841019 request for rotation of next ASLB meetings from Houston to Bay City, TX for svc to parties. Served on 841101. BECHHOEFER, C. Atomic Safety and Licensing Board Panel. #484 658. 84/10/31. PLEASANT, E. Docketing & Services Branch. 1p. 27251:060. 24X Fiche: 50-498, 84/10/31, 8411010648.

--8411010654 Requests rotation of next ASLB meetings from Houston to Bay City, TX due to public interest. SIMON, M.H. Matagorda County Nuclear Advocates. 84/10/19. BECHHOEFER, C. Atomic Safety and Licensing Board Panel. 1p. 27251:060. 24X Fiche: 50-498, 84/10/31, 8411010648.

8411090345 Corrects minor reporting error in transcript of 841016 prehearing conference in Houston, TX. Error affects position on reportability under McGuire doctrine. Quadrex rept not related to any individual issue or testimony. PERLIS, R.G. Hearing Branch 3. #484 048. 84/11/07. BECHHOEFER, C., HILL, E.E., LAMB, J.C. Atomic Safety and Licensing Board Panel. 2pp. 27400:130. 24X Fiche: 50-498, 84/11/07, 8411090345.

8411130598 Requests ASLB issue order establishing 850121 as deadline for responses to staff Phase II rept on const GA. Related correspondence. AXELRAD, M. Neuman & Holtzinger. AXELRAD, M. Houston Lighting & Power Co. #484 073. 84/11/09. BECHHOEFER, C., LAMB, J.C., HILL, E.E. Atomic Safety and Licensing Board Panel. 2pp. 27438:262. 24X Fiche: 50-498, 84/11/09, 8411130598.

8411200354 Responds to 841017 memorandum & order re Brown & Root position on Phase II proceedings. Position set forth clear & eminently fair. Petition for right to intervene unnecessary. REASONER, H.M. Vinson & Elkins. REASONER, H.M. Brown & Root, Inc. (subs. of Halliburton Co.). #484 192. 84/11/09. BECHHOEFER, C. Atomic Safety and Licensing Board Panel. 2pp. 27571:156. 24X Fiche: 50-498, 84/11/09, 8411200354.

8411140485 Order requiring notification by 841203 of individual arguing on behalf of each party. Respondents shall also notify whether agreement reached on allocation of time. Served on 841114. SHOENAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 126. 84/11/13. Office of the Executive Legal Director. 2pp. 27491:031. 24X Fiche: 50-498, 84/11/13, 8411140485.

8411200246 Fifth prehearing conference order adopting 841025 & 1107 corrections proposed by applicant & NRC, respectively, defining issues to be heard in Phase II of DL proceeding. Served on 841119. BECHHOEFER, C. Atomic Safety and Licensing Board Panel. #484 224. 84/11/16. 12pp. 27577:348. 24X Fiche: 50-498, 84/11/16, 8411200246.

8411270222 Notice of oral argument on 841213 in Bethesda, MD re pending appeal of Citizens Concerned About Nuclear Power. Served on 841120. SHOENAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 239. 84/11/19. 1p. 27635:190. 24X Fiche: 50-498, 84/11/19, 8411270222.

8411290364 Requests that memo & matl from L Sinkin be served to all parties in facility proceeding. Served on 841128. SHOENAKER, C.J. Atomic Safety and Licensing Appeal Panel. #484 339. 84/11/27. CLEMENTS, W.L. Docketing & Services Branch. 1p. 27676:264. 24X Fiche: 50-498, 84/11/27, 8411290364.

--8411290376 Notifies of representation of Citizens Concerned About Nuclear Power, Inc at 841213 oral argument. Listed changes in address & telephone number effective as of 841201. Served on 841128. SINKIN, L. Citizens Concerned About Nuclear Power, Inc. 84/11/19. SHOENAKER, C.J. Docketing & Services Branch. 2pp. 27676:265. 24X Fiche: 50-498, 84/11/27, 8411290364.

H. General correspondence

8411190396 Expresses objections to NRC delegation of independent design review to internal component of util engineering process, including HD Woodson, per JH Goldberg 841102 ltr re util engineering assurance program. SINKIN, L. Affiliation Not Assigned. 84/11/13. EISENHUT, D.O. Division of Licensing. 5pp. 27549:284. 24X Fiche: 50-498, 84/11/13, 8411190396.

K. Utility Final Safety Analysis Report (FSAR) & amends

8411270312 Forwards Amend 41 to FSAR for South Texas Project Units 1 & 2. GOLDBERG, J.M. Houston Lighting & Power Co. 84/11/21. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 10pp. 27636:072. 24X Fiche: 50-498, 84/11/21, 8411270312.

--8411270314 Amend 41 to FSAR for South Texas Project Units 1 & 2. * Houston Lighting & Power Co. 84/11/21. 780pp. 27636:082. 24X Fiche: 50-498, 84/11/21, 8411270312.

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

DOCKETED ITEMS

8411070014 Ack receipt of 840323 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-498/83-24 & 50-499/83-24.
JOHNSON, E. H. Region 4, Office of Director. 84/11/01. OPREA, G. W. Houston Lighting & Power Co. 2pp. 27359:265. 24X
Fiche: 50-498, 84/11/01, 8411070014.

--8411070035 Responds to NRC 840130 ltr re violations noted in Insp Repts 50-498/83-24 & 50-499/83-24. Corrective actions: Pittsburgh Testing Lab redirected to perform future density testing in strict conformance w/ASTM D2049-69.
OPREA, G. W. Houston Lighting & Power Co. 84/03/23. COLLINS, J. T. Region 4, Office of Director. 9pp. 27359:267. 24X
Fiche: 50-498, 84/11/01, 8411070014.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411280248 Forwards Insp Repts 50-498/84-12 & 50-499/84-12 on 840801-0930. No violations or deviations noted.
JOHNSON, E. H. Region 4, Office of Director. 84/11/23. OPREA, G. W. Houston Lighting & Power Co. 2pp. 27658:064. 24X
Fiche: 50-498, 84/11/23, 8411280248.

--8411280255 Insp Repts 50-498/84-12 & 50-499/84-12 on 840801-0930. No violations or deviations noted. Major areas inspected: site tours, IE bulletin followup, allegation followup & previous insp findings.
TOMLINSON, D. P., CARPENTER, D. R., ELLERSHAW, L. E. Region 4, Office of Director. 84/11/13. 12pp. 27658:066. 24X Fiche: 50-498, 84/11/23, 8411280248.

B. Reportable occurrences, LERs & related correspondence

8411020265 Final deficiency rept re incomplete expansion of steam generator tubes. Initially reported on 840924. Tubes will be reworked to assure each tube expanded for full depth of tube sheet. Item not reportable per 10CFR50.55(e).
OPREA, G. W. Houston Lighting & Power Co. 84/10/24. MARTIN, R. D. Region 4, Office of Director. 5pp. 27255:200. 24X
Fiche: 50-498, 84/10/24, 8411020265.

8411260535 Final deficiency rept re defective Rosemount pressure transmitters. Initially reported on 841003. Affected transmitters returned to Rosemount for repair. Item not reportable per 10CFR50.55(e).
OPREA, G. W. Houston Lighting & Power Co. 84/11/02. MARTIN, R. D. Region 4, Office of Director. 4pp. 27645:009. 24X
Fiche: 50-498, 84/11/02, 8411260535.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche: 50-000, 84/11/06, 8411190524.

8411290548 Fourth interim deficiency rept re corrosion in safety injection sys weld. Initially reported on 831020. Welds & piping matls replaced where evidence of corrosion found. Next rept will be submitted by 850331.
OPREA, G. W. Houston Lighting & Power Co. 84/11/15. MARTIN, R. D. Region 4, Office of Director. 4pp. 27720:269. 24X
Fiche: 50-498, 84/11/15, 8411290548.

DOCKET STN-50-508 WPPSS NUCLEAR PROJECT, UNIT 3

A. Application/construction stage documents & correspondence

8411290254 FOIA request for documents re four categories of info concerning subduction zones & low angle thrust faults in Pacific Northwest which could affect facilities.
BELL, N. Nuclear Information & Resource Service. 84/04/11. Office of Administration. 2pp. 27698:237. 24X Fiche: 50-000, 84/04/11, 8411290254.

8411290263 Responds to FOIA request for four categories of documents re subduction zones & low angle thrust faults affecting facilities. Forwards App A documents. App A & B documents in PDR. App C document withheld (ref FOIA Exemption 5).
FELTON, J. M. Division of Rules and Records. 84/06/01. BELL, N. Nuclear Information & Resource Service. 5pp. 27698:239. 24X
Fiche: 50-000, 84/06/01, 8411290263.

--8401300164 "Northwest US Subduction Zone Seismic Risk Assessment," proposal to research program.
HEATON, T. H. Interior, Dept. of, Geological Survey. 84/01/20. 19pp. 27698:270. 24X Fiche: 50-000, 84/06/01, 8411290263.

8411010366 Advises that 840827 GA program description for design & const continues to satisfy 10CFR50, App B requirements & acceptable.
KIRSCH, D. F. Region 5, Office of Director. 84/10/29. SORESENSEN, G. C. Washington Public Power Supply System. 1p. 27229:171. 24X
Fiche: 50-508, 84/10/29, 8411010366.

8411120257 Application for amend to CPPR-154, extending latest const completion deadline from 850101 until 890701.
Fee paid.
SORENSEN, G. C. Washington Public Power Supply System. 84/11/02. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27429:359. 24X Fiche: 50-508, 84/11/02, 8411120257.

8411290108 Forwards substitute originals & copies of 841102 request for amend to CPPR-154 & related verification, per 10CFR50.30.
W/o encl.
SORENSEN, G. C. Washington Public Power Supply System. 84/11/27. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:017. 24X Fiche: 50-508, 84/11/27, 8411290108.

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411160407 Forwards Insp Rept 50-508/84-03 on 840924-27. No violations noted.
MENSILAWSKI, F. A. Region 5, Office of Director. 84/10/26. KOHLER, A. D. Washington Public Power Supply System. 1p. 27545:249. 24X Fiche: 50-508, 84/10/26, 8411160407.

--8411160408 Insp Rept 50-508/84-03 on 840924-27. No violations or deviations noted. Major areas inspected: GA program for extended const delay, including organization, audits, quality records & site tour.
GARCIA, E. M., YUHAS, G. P. Region 5, Office of Director. 84/10/26. 5pp. 27545:250. 24X Fiche: 50-508, 84/10/26, 8411160407.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

DOCKETED ITEMS

321

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BNRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.

8411260451 Interim Deficiency Rept D/N #51 re potential defect in reactor coolant pump. Initially reported on 830927. Final rept will be submitted upon receipt of C-E specific repair program.
ROHLER, A.D. Washington Public Power Supply System. 84/11/06. KIRSCH, D.F. Region 5, Office of Director. 2pp. 27645:122. 24X Fiche: 50-508, 84/11/06, 8411260451.

8411280059 Part 21 & Final Deficiency Rept (D/N#53) re Rockbestos cable insulation damage. Initially reported on 841012. Four installed cables having reworked areas will be identified & either removed or abandoned.
KOHLER, A.D. Washington Public Power Supply System. 84/11/13. KIRSCH, D.F. Region 5, Office of Director. 3pp. 27684:329. 24X Fiche: 50-508, 84/11/13, 8411280059.

DOCKET STN-50-509 WPPSS NUCLEAR PROJECT, UNIT 5

S. Reportable occurrences, LERs & related correspondence

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

DOCKET 50-513 WPPSS NUCLEAR PROJECT, UNIT 4

G. Inspection reports, IE Bulletins & correspondence

8411260242 Requests that quality of Bahnsen HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnsen equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

S. Reportable occurrences, LERs & related correspondence

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X Fiche: 50-000, 84/10/29, 8411020137.

DOCKET STN-50-518 HARTSVILLE NUCLEAR PLANT, UNIT 1

G. Adjudicatory correspondence

8410260024 Advises that time for Commission to review ALAB-783 expired. Commission declined review. Decision became final agency action on 841022. Served on 841025.
CHILK, S.J. Office of the Secretary of the Commission. #484 738. 84/10/25. Atomic Safety and Licensing Board Panel. 1p. 27153:349. 24X Fiche: 50-000, 84/10/25, 8410260024.

DOCKET STN-50-519 HARTSVILLE NUCLEAR PLANT, UNIT 2

G. Adjudicatory correspondence

8410260024 Advises that time for Commission to review ALAB-783 expired. Commission declined review. Decision became final agency action on 841022. Served on 841025.
CHILK, S.J. Office of the Secretary of the Commission. #484 738. 84/10/25. Atomic Safety and Licensing Board Panel. 1p. 27153:349. 24X Fiche: 50-000, 84/10/25, 8410260024.

DOCKET 50-522 SKAGIT NUCLEAR POWER PROJECT, UNIT 1

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BNRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

DOCKET 50-523 SKAGIT NUCLEAR POWER PROJECT, UNIT 2

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

DOCKETED ITEMS

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

DOCKET STN-50-528 PALO VERDE NUCLEAR STATION, UNIT 1

A. Application/construction stage documents & correspondence

8411290163 Responds to FOIA request for records re problems encountered by unit during hot functional testing. Document withheld (ref FOIA Exemption 4).
FELTON, J.M. Division of Rules and Records. 84/05/14. BERNABEI, L. Government Accountability Project. 2pp. 27698:210. 24X Fiche: 50-528, 84/05/14, 8411290163.

8411020269 Forwards application to amend CRR-141, requesting extension of latest completion date from 841231 to 850331. Extension requested even though licensee anticipates plant will be prepared to load fuel earlier. Fee paid.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. Office of Nuclear Reactor Regulation, Director. 1p. 27253:346. 24X Fiche: 50-528, 84/10/29, 8411020269.

--8411020274 Application to amend CRR-141, requesting extension of latest date for completion of const from 841231 to 850331.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. 4pp. 27253:347. 24X Fiche: 50-528, 84/10/29, 8411020269.

8411080560 Advises that Kaman noble gas monitors conform w/requirements of NUREG-0737, Item II.F.1.1. Review of Task Initiation Action 84-03 completed.
EISENHUT, D.G. Division of Licensing. 84/10/29. SCARANO, R.A. Division of Radiological Safety & Safeguards Program. 1p. 27407:098. 24X Fiche: 50-528, 84/10/29, 8411080560.

8411020282 Forwards "Solid Radwaste Process Control Program." Program includes editorial corrections as well as resolution of comments arising from discussion w/NRC on 840910. Three draft procedures referenced in program also forwarded.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27253:192. 24X Fiche: 50-528, 84/10/30, 8411020282.

--8411020288 "Solid Radwaste Process Control Program." Draft Procedures 75RP-75R01, "Solidification Process Control," 75OP-15R02, "Operation of Solidification Sys" & 75RP-12Z01, "Solidified Radwaste Classification," encl.
* Arizona Public Service Co. 84/10/30. 141pp. 27253:195. 24X Fiche: 50-528, 84/10/30, 8411020282.

8411060398 Forwards info supporting ESF actuation sys design compliance w/QDC 21, Reg Guides 1.22 & 1.118 & IEEE Std 338, per 840702 request.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/01. KNIGHTON, G. Licensing Branch 3. 49pp. 27312:013. 24X Fiche: 50-528, 84/11/01, 8411060398.

8411070015 Forwards Rev 0 to "Offsite Dose Calculation Manual." Manual includes resolution of comments arising from discussions w/NRC on 840920 & 1017.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/01. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27354:197. 24X Fiche: 50-528, 84/11/01, 8411070015.

--8411070022 Rev 0 to "Offsite Dose Calculation Manual." * Arizona Public Service Co. 84/11/01. 100pp. 27354:199. 24X Fiche: 50-528, 84/11/01, 8411070015.

8411130661 Notification of 841108 meeting w/C-E & utils in Bethesda, MD to discuss long-term improvement project on core protection calculators.
LEE, R.S. Operating Reactors Branch 3. 84/11/01. MILLER, J.R. Operating Reactors Branch 3. 3pp. 27471:313. 24X Fiche: 50-000, 84/11/01, 8411130661.

8411070013 Forwards revised FSAR pages reflecting changes due to field testing results & in support of Tech Spec review, per 841004 meeting.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/05. KNIGHTON, G. Licensing Branch 3. 117pp. 27359:148. 24X Fiche: 50-528, 84/11/05, 8411070013.

8411200582 Notification of 841107 meeting w/util in Bethesda, MD to discuss operating experience for shift staffing.
LICITRA, E.A. Licensing Branch 3. 84/11/05. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27598:065. 24X Fiche: 50-528, 84/11/05, 8411200582.

8411140253 Requests addl info re proposed changes to Chapter 17 of FSAR. Dept assigned responsibilities for deleted const GA/GC dept requested. Dept assuming operations of GA/GC responsibilities unclear. Info requested within 30 days.
KIRSCH, D.F. Region 5, Office of Director. 84/11/06. VAN BRUNT, E.E. Arizona Public Service Co. 2pp. 27469:318. 24X Fiche: 50-528, 84/11/06, 8411140253.

8411160316 Forwards response to Question 6 re reactor protection sys/ESF response times, per NRC 841006 request for addl info.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/13. KNIGHTON, G. Licensing Branch 3. 71pp. 27533:296. 24X Fiche: 50-528, 84/11/13, 8411160316.

8411160245 Forwards errata to CEN-267(V)-NP & Rev 1-NP, "Final Rpt on Performance Evaluation of Palo Verde Control Element Assembly Shroud."
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/14. KNIGHTON, G. Licensing Branch 3. 2pp. 27543:200. 24X Fiche: 50-528, 84/11/14, 8411160245.

--8411160258 Errata to CEN-267(V)-NP & Rev 1-NP, "Final Rpt on Performance Evaluation of Palo Verde Control Element Assembly Shroud."
* Combustion Engineering, Inc. CEN-26(V)-NP ERR R1. 84/08/31. 4pp. 27543:202. 24X Fiche: 50-528, 84/11/14, 8411160245.

8411190421 Forwards marked-up FSAR pages consisting of minor changes clarifying 841015 proposed changes re Reg Guide 1.33.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/15. KNIGHTON, G. Licensing Branch 3. 6pp. 27552:261. 24X Fiche: 50-528, 84/11/15, 8411190421.

8411200288 Responds to 841006 request for addl info re Reactor Sys Branch questions concerning proof & review Tech Specs. Reactor protective instrumentation setpoints discussed.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/16. KNIGHTON, G. Licensing Branch 3. 28pp. 27573:093. 24X Fiche: 50-528, 84/11/16, 8411200288.

8411280314 Corrected response to 841006 request for addl info re proof & review Tech Specs. Reactor protection sys rate setpoint of 11% per minute has no adverse impact on safety analysis due to rapid rate of increase of core power.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/16. KNIGHTON, G. Licensing Branch 3. 29pp. 27661:031. 24X Fiche: 50-528, 84/11/16, 8411280314.

8411260061 Clarifies NDE performed on control element assembly shroud top plate welds, per 841109 telcon. Reexam included documented LP & visual exam rpt. No record of details of cosmetic repair operation available.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/20. KNIGHTON, G. Licensing Branch 3. 3pp. 27616:354. 24X Fiche: 50-528, 84/11/20, 8411260061.

8411260230 Requests change to FSAR Section 17.2, delineating responsibility for concurrence & approval for operations GA criteria manual. Marked-up FSAR page encl.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/21. KNIGHTON, G. Licensing Branch 3. 3pp. 27616:008. 24X Fiche: 50-528, 84/11/21, 8411260230.

DOCKETED ITEMS

323

8411260390 Requests schedular exemption from 10CFR50, Apps A & K requirements re containment power access purge. Due to engineering const testing & documentation, design change delayed until 850415.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/21. KNIGHTON, G. Licensing Branch 3. 3pp. 27610:046. 24X Fiche: 50-528, 84/11/21, 8411260390.

8411280297 Forwards info presented at 841109 meeting re shutdown cooling sys relief valve operability & Crosby steam production tests for Crosby 6R10, JD-56 relief valve, per request.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/26. KNIGHTON, G. Licensing Branch 3. 2pp. 27662:057. 24X Fiche: 50-000, 84/11/26, 8411280297.

--8411280301 "Summary Rept on Design Basis of Shutdown Cooling Sys Relief Valves for CESSAR Sys 80."
* Combustion Engineering, Inc. 84/11/30. 10pp. 27662:059. 24X Fiche: 50-000, 84/11/26, 8411280297.

--8411280307 "Summary Rept on Operability of Shutdown Cooling Sys Relief Valves for Palo Verde Units 1,2 & 3."
* Combustion Engineering, Inc. 84/11/30. 23pp. 27662:069. 24X Fiche: 50-000, 84/11/26, 8411280297.

E. NRC Safety Evaluation Report (SER), suppls & correspondence

8410310378 Forwards updated equipment qualification summary sheets & revised responses to NRC comments on util 840919 ltr. Qualification status of all TMI action plan equipment noted in previous submittals confirmed per SSER 5 (NUREG-0857).
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. KNIGHTON, G. Licensing Branch 3. 41pp. 27193:303. 24X Fiche: 50-528, 84/10/29, 8410310378.

8411210379 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF PALO VERDE NUCLEAR GENERATING STATION, UNITS 1,2 and 3. Docket Nos. 50-528, 50-529 And 50-530. (Arizona Public Service Company)
* Division of Licensing. NUREG-0857 S06. 84/10/31. 78pp. Available at NRC. \$4.50. 27617:354. 24X Fiche: 50-528, 84/10/31, 8411210379.

F. Security, medical, emergency & fire protection plans

8411060379 Forwards public version of revised emergency plan implementing procedures, including EPIP-04 re alert implementing actions, EPIP-05 re emergency implementing actions & EPIP-09 re emergency coordinator.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/03. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27384:107. 24X Fiche: 50-528, 84/10/03, 8411060379.

--8411060388 Public version of revised emergency plan implementing procedures, including EPIP-04 re alert implementing actions, EPIP-05 re emergency implementing actions & EPIP-09 re emergency coordinator. W/JM Felton 841026 memo.
* Arizona Public Service Co. 84/09/20. 729pp. 27384:110. 24X Fiche: 50-528, 84/10/03, 8411060379.

8411070212 Forwards Insp Rept 50-528/84-37 on 840924-27. No violations noted.
SCHUSTER, M.D. Region 5, Office of Director. 84/10/15. VAN BRUNT, E.E. Arizona Public Service Co. 2pp. 27388:198. 24X Fiche: 50-528, 84/10/15, 8411070212.

--8411070213 Insp Rept 50-528/84-37 on 840924-27. No violations noted. Major areas inspected: emergency preparedness exercise & associated critiques & insp of open items & improvement items identified during 830411-22, 0511 & 840116-20 insps.
TEMPLE, G.M., FISH, R.F., PRENDERGAST, K. Region 5, Office of Director. 84/10/12. 10pp. 27388:199. 24X Fiche: 50-528, 84/10/15, 8411070212.

8411050285 Forwards Preoperational Physical Security Insp Rept 50-528/84-41 on 841001-10. Program areas that should be upgraded prior to licensing identified. Rept withheld (ref 10CFR73.21).
SCARANO, R.A. Division of Resident, Reactor Project & Engineering Programs. 84/10/30. VAN BRUNT, E.E. Arizona Public Service Co. 2pp. 27300:361. 24X Fiche: 50-528, 84/10/30, 8411050285.

8411020243 Forwards "Probabilistic Assessment of Uncontrolled Deboeration Event W/Control Room Fire for Palo Verde Nuclear Generating Station," per commitment to perform PRA of alternate shutdown capability.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/31. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27255:177. 24X Fiche: 50-528, 84/10/31, 8411020243.

--8411020251 "Probabilistic Assessment of Uncontrolled Deboeration Event W/Control Room Fire for Palo Verde Nuclear Generating Station."
* Arizona Public Service Co. 84/10/31. 17pp. 27255:180. 24X Fiche: 50-528, 84/10/31, 8411020243.

8411290139 Notification of 841115 meeting w/util in Maricopa County, AZ to discuss security program. Meeting closed to public since details of security program withheld from public disclosure.
LICITRA, E.A. Licensing Branch 3. 84/11/09. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27701:048. 24X Fiche: 50-528, 84/11/09, 8411290139.

8411160272 Forwards Revs 1 to "Control Room Fire Spurious Actuation Evaluation for Palo Verde Nuclear Generating Station, Units 1,2 & 3" & "Fire Event Safe Shutdown Evaluation Outside Control Room Fire Spurious Actuation Study...."
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/13. KNIGHTON, G. Licensing Branch 3. 2pp. 27540:191. 24X Fiche: 50-528, 84/11/13, 8411160272.

--8411160280 Rev 1 to "Control Room Fire Spurious Actuation Evaluation for Palo Verde Nuclear Generating Station, Units 1,2 & 3."
* Arizona Public Service Co. 84/11/06. 39pp. 27540:193. 24X Fiche: 50-528, 84/11/13, 8411160272.

--8411160288 Rev 1 to "Fire Event Safe Shutdown Evaluation Outside Control Room Fire Spurious Actuation Study for Palo Verde Nuclear Generating Station Unit 1."
* Arizona Public Service Co. 84/11/06. 99pp. 27540:232. 24X Fiche: 50-528, 84/11/13, 8411160272.

8411200241 Forwards Amend 7 to security plan. Amend withheld (ref 10CFR2.790).
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/15. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27577:248. 24X Fiche: 50-528, 84/11/15, 8411200241.

8411260396 Requests schedular relief for implementation of design changes to meet fire protection commitments. Due to engineering, procurement, const & testing activities, mods delayed until 850401. Description of changes encl.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/21. KNIGHTON, G. Licensing Branch 3. 4pp. 27611:205. 24X Fiche: 50-528, 84/11/21, 8411260396.

8411280168 Forwards Jul 1984 fixed nuclear facility offsite emergency response plan, compiled & approved by State of AZ & County of Maricopa.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/26. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27665:026. 24X Fiche: 50-528, 84/11/26, 8411280168.

--8411280174 "Fixed Nuclear Facility Offsite Emergency Response Plan for Maricopa County & State of AZ."
* Arizona, State of. * Maricopa County, AZ. 84/07/31. 320pp. 27665:028. 24X Fiche: 50-528, 84/11/26, 8411280168.

H. General correspondence

8411020436 Notifies that RL Greenfield should be removed from mailing list & TW Barudin added to list. Address listed.
BARUDIN, T.W. New Mexico, State of. 84/10/22. KNIGHTON, G.W. Licensing Branch 3. 1p. 27274:303. 24X Fiche: 50-528, 84/10/22, 8411020436.

G. Inspection reports, IE Bulletins & correspondence

8411190319 Forwards response to NRC review of IE Bulletin 83-07 re apparently fraudulent products sold by Ray Miller, Inc. Vendor qualification process will be refined & monitoring of suppliers increased.
VAN BRUNT, E.E. Arizona Public Service Co. 84/09/07. BISHOP, T.W. Region 5, Office of Director. 6pp. 27554:174. 24X Fiche: 50-528, 84/09/07, 8411190319.

8411070212 Forwards Insp Rept 50-528/84-37 on 840924-27. No violations noted.
SCHUSTER, M.D. Region 5, Office of Director. 84/10/15. VAN BRUNT, E.E. Arizona Public Service Co. 2pp. 27388:198. 24X Fiche: 50-528, 84/10/15, 8411070212.

--8411070213 Insp Rept 50-528/84-37 on 840924-27. No violations noted. Major areas inspected: emergency preparedness exercise & associated critiques & insp of open items & improvement items identified during 830411-22, 0511 & 840116-20 insps.
TEMPLE, G.M., FISH, R.F., PRENDERGAST, K. Region 5, Office of Director. 84/10/12. 10pp. 27388:199. 24X Fiche: 50-528, 84/10/15, 8411070212.

DOCKETED ITEMS

- 8411060507 Forwards Insp Rept 50-528/83-47 on 830919-23, 1004-07, 18-21 & 1101-04. No violations noted.
BISHOP, T.W. Region 5, Office of Director. 84/10/16. VAN BRUNT, E.E. Arizona Public Service Co. 2pp. 27352:280. 24X
Fiche: 50-528, 84/10/16, 8411060507.
- 8411060514 Insp Rept 50-528/83-47 on 830919-23, 1004-07, 18-21 & 1101-04. No violations noted. Major areas inspected: evaluation of allegations re conduct of prerequisite test program.
JOHNSON, P.H., GAGE, P.C., MILLER, L. Region 5, Office of Director. 84/10/16. 12pp. 27352:282. 24X Fiche: 50-528, 84/10/16, 8411060507.
- 8411090133 Forwards Insp Rept 50-528/84-38 on 840827-0915 & notice of violation. Results of insp listed. Significant work remains in prioritizing, tracking & dispositioning punch list items prior to fuel load.
BISHOP, T.W. Region 5, Office of Director. 84/10/18. VAN BRUNT, E.E. Arizona Public Service Co. 7pp. 27417:013. 24X
Fiche: 50-528, 84/10/18, 8411090133.
- 8411090137 Notice of violation from insp on 840827-31 & 0908-15.
YOUNG, T. Region 5, Office of Director. 84/10/18. 1p. 27417:020. 24X Fiche: 50-528, 84/10/18, 8411090133.
- 8411090146 Insp Rept 50-528/84-38 on 840827-0915. Violation noted: 30 out of 160 Bechtel project engineers did not have training records to substantiate compliance w/10CFR50, App B, Criterion V.
ZIMMERMAN, R., BALL, J.R., BURDOIN, J.F. Region 5, Office of Director. 84/10/16. 34pp. 27417:021. 24X Fiche: 50-528, 84/10/16, 8411090133.
- 8411160410 Forwards Insp Repts 50-528/84-33 & 50-529/84-26 on 840813-0908 & notice of violation.
BISHOP, T.W. Region 5, Office of Director. 84/10/25. VAN BRUNT, E.E. Arizona Public Service Co. 2pp. 27545:284. 24X
Fiche: 50-528, 84/10/25, 8411160410.
- 8411160412 Notice of violation from insp on 840813-0908.
MILLER, L. Region 5, Office of Director. 84/10/25. 1p. 27545:286. 24X Fiche: 50-528, 84/10/25, 8411160410.
- 8411160415 Insp Repts 50-528/84-33 & 50-529/83-26 on 810813-0908. Violation noted: primary coolant chemical addition attempted in Unit 1 procedure to assure proper valve alignment, resulting in unplanned overflow of reactor vessel.
MILLER, L., ZIMMERMAN, R., FIORELLI, G. Region 5, Office of Director. 84/10/25. 8pp. 27545:287. 24X Fiche: 50-528, 84/10/25, 8411160410.
- 8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
ORACE, J.N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.
- 8411010356 Ack receipt of 841019 ltr informing NRC of steps taken to correct violations noted in Insp Rept 50-528/83-41. Schedule for accomplishing plant effluent sampling sys tests requested.
WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/29. VAN BRUNT, E.E. Arizona Public Service Co. 1p. 27229:301. 24X
Fiche: 50-528, 84/10/29, 8411010356.
- 8411090208 Responds to notice of violation from Insp Repts 50-528/84-28 & 50-529/84-22. Corrective actions: review of 400 startup field repts will be submitted by 841031, per author 841022 commitment.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Region 5, Office of Director. 1p. 27398:157. 24X
Fiche: 50-528, 84/10/29, 8411090208.
- 8411090231 Provides revised schedule date of 841203 for documented qualification of GE century series HFA relays, per 841016 discussion & actions based on IE Bulletin 84-02.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. MARTIN, J.B. Region 5, Office of Director. 1p. 27398:146. 24X
Fiche: 50-528, 84/10/29, 8411090231.
- 8411050285 Forwards Preoperational Physical Security Insp Rept 50-528/84-41 on 841001-10. Program areas that should be upgraded prior to licensing identified. Rept withheld (ref 10CFR73.21).
SCARANO, R.A. Division of Resident, Reactor Project & Engineering Programs. 84/10/30. VAN BRUNT, E.E. Arizona Public Service Co. 2pp. 27300:361. 24X Fiche: 50-528, 84/10/30, 8411050285.
- 841190090 Forwards Insp Repts 50-528/84-43, 50-529/84-30 & 50-530/84-21 on 840925-1005. No violations or deviations noted.
KIRSCH, D.F. Division of Resident, Reactor Project & Engineering Programs. 84/10/31. VAN BRUNT, E.E. Arizona Public Service Co. 3pp. 27568:062. 24X Fiche: 50-528, 84/10/31, 841190090.
- 841190094 Insp Repts 50-528/84-43, 50-529/84-30 & 50-530/84-21 on 840924-1005. No violations or deviations noted. Major areas inspected: IE bulletins & implementation of TMI lessons learned actions.
SORENSEN, G.C., WAGNER, W.J., MILLER, L.F. Region 5, Office of Director. 84/10/30. 10pp. 27568:065. 24X Fiche: 50-528, 84/10/31, 841190090.
- 8411160319 Forwards supplemental response to violation noted in Insp Rept 50-528/84-28. Startup field rept & similar project documents reviewed by Bechtel Resident Engineering to determine root cause of sump recirculation valve failure.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/01. BISHOP, T.W. Region 5, Office of Director. 6pp. 27536:211. 24X
Fiche: 50-528, 84/11/01, 8411160319.
- 8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.
- 8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.
- 8411140272 Ack receipt of 840911 & 12 ltrs informing NRC of steps taken to correct violations noted in NRC 840807 & 08 ltrs.
KIRSCH, D.F. Region 5, Office of Director. 84/11/07. VAN BRUNT, E.E. Arizona Public Service Co. 1p. 27469:186. 24X
Fiche: 50-528, 84/11/07, 8411140272.
- 8411140280 Responds to NRC 840807 ltr re violations noted in 840402-0531 insps. Corrective actions: engineering walkdown of all safety-related HVAC instruments to assure correct installation performed.
VAN BRUNT, E.E. Arizona Public Service Co. 84/09/12. BISHOP, T.W. Region 5, Office of Director. 36pp. 27469:187. 24X
Fiche: 50-528, 84/11/07, 8411140272.
- 8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.
- 8411140165 Ack receipt of 841019 ltr informing NRC of steps taken to correct violations noted in 840922 ltr.
KIRSCH, D.F. Region 5, Office of Director. 84/11/08. VAN BRUNT, E.E. Arizona Public Service Co. 1p. 27464:190. 24X
Fiche: 50-528, 84/11/08, 8411140165.
- 8411200327 Responds to NRC 841012 ltr re violations noted in Insp Rept 50-528/84-28. Corrective actions: quality talk sessions presented.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/13. BISHOP, T.W. Region 5, Office of Director. 1p. 27571:357. 24X
Fiche: 50-528, 84/11/13, 8411200327.
- 8411200169 Requests extension until end of Feb 1985 to respond to IE Bulletin 84-03, "Refueling Cavity Water Seal" due to plan to participate in INPD meeting & opportunity to determine most viable long term solution to issue.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/14. MARTIN, J.B. Region 5, Office of Director. 1p. 27577:320. 24X Fiche: 50-528, 84/11/14, 8411200169.
- 8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.
- 8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.
- 8411210277 Forwards response to NRC request for addl info & responds to violation noted in Insp Rept 50-528/84-38. Corrective action: adequate training & understanding of procedural requirements verified & documented by completion of summary sheet.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/16. KIRSCH, D.F. Region 5, Office of Director. 8pp. 27591:141. 24X
Fiche: 50-528, 84/11/16, 8411210277.

DOCKETED ITEMS

325

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 841150054.

841120257 Forwards "Summary Rept for Regional Evaluation of Palo Verde Unit 1," summarizing readiness of plant for issuance of low power OL items to be resolved too large to permit issuance of license at present.
MARTIN, J.B. Region 5, Office of Director. 84/11/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27591:182. 24X Fiche: 50-528, 84/11/19, 841120257.

---841120260 "Summary Rept for Regional Evaluation of Palo Verde Unit 1."
* Region 5, Office of Director. 84/11/14. 58pp. 27591:183. 24X Fiche: 50-528, 84/11/19, 841120257.

8411260242 Requests that quality of Bahnson HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnson equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

S. Reportable occurrences, LERs & related correspondence

8409280486 Final Deficiency Rept DER 83-57 re cracks in C-E supplied control element assembly shroud. Mods made to control element assembly guide & shroud lateral supports.
VAN BRUNT, E.E. Arizona Public Service Co. 84/09/14. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 12pp. 27400:352. 24X Fiche: 50-528, 84/09/14, 8409280486.

8409280486 Final Deficiency Rept DER 83-57 re cracks in C-E supplied control element assembly shroud. Mods made to control element assembly guide & shroud lateral supports.
VAN BRUNT, E.E. Arizona Public Service Co. 84/09/14. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 12pp. 27400:352. 24X Fiche: 50-528, 84/09/14, 8409280486.

841160051 Interim Deficiency Rept DER 84-69 re reactor protection sys shunt trip contacts. Initially reported on 840829. Due to extensive investigation & evaluation required, next rept will be submitted by 841109.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/23. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:115. 24X Fiche: 50-528, 84/10/23, 841160051.

841160500 Final Deficiency Rept DER 84-24 re Limitorque valve operators found loose on valve bodies. Initially reported on 840501. Supplier document change notices issued to manuals to provide addl clarification re valve position.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/23. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 6pp. 27545:172. 24X Fiche: 50-528, 84/10/23, 841160500.

841160546 Interim Deficiency Rept DER 84-63 re safety injection tank vent valve not closing during testing. Initially reported on 840831. Due to extensive investigation & evaluation, next rept delayed until 841108.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/23. BISHOP, T.W. Region 5, Office of Director. 2pp. 27545:128. 24X Fiche: 50-528, 84/10/23, 841160546.

841160081 Interim Deficiency Rept DER 84-44 re fatigue failure of charging pumps. Initially reported on 840706. Due to extensive investigation & evaluation required, next rept will be submitted by 841116.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:255. 24X Fiche: 50-528, 84/10/25, 841160081.

841160090 Interim Deficiency Rept DER 84-73 re logarithmic circuit cards in excite sys. Initially reported on 840925. Bechtel studying problem to determine reportability. Due to extensive investigation, next rept will be submitted on 841115.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 3pp. 27545:190. 24X Fiche: 50-528, 84/10/25, 841160090.

841160096 Interim Deficiency Rept DER 83-73 re unqualified Foxboro power supplies installed in IE instrument cabinets. Initially reported on 831027. Final rept delayed until 841114.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:207. 24X Fiche: 50-528, 84/10/25, 841160096.

841160124 Interim Deficiency Rept DER 84-72 re HPSP pump miniflow isolation valve. Initially reported on 840925. Bechtel & C-E evaluating condition to determine cause. Due to extensive investigation, next rept will be submitted by 841115.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 3pp. 27544:324. 24X Fiche: 50-528, 84/10/25, 841160124.

841160142 Interim Deficiency Rept DER 84-36 re safety injection valve stalling just off closing seat when opening or closing. Initially reported on 840517. Due to extensive investigations & evaluation, next rept will be submitted by 841123.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:303. 24X Fiche: 50-528, 84/10/25, 841160142.

841160215 Interim Deficiency Rept DER 84-27 re improperly handled instrumentation from Waldinger. Initially reported on 840510. Due to extensive investigation & evaluation, final rept delayed until 841113.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27546:029. 24X Fiche: 50-528, 84/10/25, 841160215.

841160431 Part 21 & Final Deficiency Rept DER 84-30 re MSIV not closing within 5 s as required. Initially reported on 840724. Nitrogen precharge pressure temp curve revised & incorporated into Anchor/Darling instruction manual.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 6pp. 27545:227. 24X Fiche: 50-528, 84/10/25, 841160431.

841160538 Interim Deficiency Rept DER 84-65 re split instrument leads removed from UGS. Initially reported on 840904. Due to extensive investigation & evaluation, next rept delayed until 841115.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27545:130. 24X Fiche: 50-528, 84/10/25, 841160538.

841160419 Provides addl info on evaluation & corrective action re excessive setpoint drift in some potentiometers in auxiliary feedwater actuation sys cabinet at St Lucie Unit 2 & plant protection sys cabinets at Palo Verde.
SCHERER, A.E. Combustion Engineering, Inc. 84/10/26. BAER, R.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 2pp. 27469:006. 24X Fiche: 50-000, 84/10/26, 841160419.

841160049 Final Deficiency Rept DER 84-85 re evaluation of radiological consequences of control element assembly ejection accident. Initially reported on 841016. Item determined not reportable under 10CFR50.55(e).
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:166. 24X Fiche: 50-528, 84/10/26, 841160049.

841160061 Final Deficiency Rept DER 84-84 re MSIV closure interface requirements. Initially reported on 840928. Item determined not reportable under 10CFR50.55(e). Documentation of evaluation will be maintained in util files.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:122. 24X Fiche: 50-528, 84/10/26, 841160061.

841160070 Interim Deficiency Rept DER 84-21 re Rosemount transmitters not torqued to specified value. Initially reported on 840431. Due to extensive investigation/evaluation required, final rept will be delayed until 841113.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:001. 24X Fiche: 50-528, 84/10/26, 841160070.

841160426 Final Deficiency Rept DER 84-34 re critical friction-type, high-strength connectors. Initially reported on 840517. Insp walkdown conducted for 32 connections. Incompletely tightened safety injection tank keyway bolts will be reworked.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 6pp. 27545:237. 24X Fiche: 50-528, 84/10/26, 841160426.

841160084 Interim Deficiency Rept DER 84-67 re defective Target Rock solenoid valves. Initially reported on 840907. Due to extensive investigation & evaluation, final rept delayed until 841114.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27544:253. 24X Fiche: 50-528, 84/10/29, 841160084.

841160107 Interim Deficiency Rept DER 84-58 re failure of auxiliary feedwater sys solenoid valve to open in response to auxiliary feedwater actuating sys signal. Initially reported on 840808. Final rept delayed until 841113.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27544:291. 24X Fiche: 50-528, 84/10/29, 841160107.

DOCKETED ITEMS

841160133 Interim Deficiency Rept DER 84-68 re defective essential chiller temp switch. Initially reported on 840910. Due to extensive investigation & evaluation, final rept delayed until 841115.

VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27544:303. 24X Fiche: 50-528, 84/10/29, 841160133.

841160148 Interim Deficiency Rept DER 84-60 re improper lubricant used in Limatorque valve operators. Initially reported on 840827. Due to extensive investigation, final rept delayed until 841113.

VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27545:343. 24X Fiche: 50-528, 84/10/29, 841160148.

841160195 Interim Deficiency Rept DER 84-64 re pipe support not cycling through entire stroke. Initially reported on 840904. Due to extensive investigation & evaluation, final rept delayed until 841115.

VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27546:011. 24X Fiche: 50-528, 84/10/29, 841160195.

841160377 Interim Deficiency Rept DER 84-74 re Class 1E inverters supplied by Elgar. Initially reported on 840928. Insp of all Class 1E 120-volt ac inverter panels to be performed. Final rept delayed until 841115.

VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 3pp. 27545:258. 24X Fiche: 50-528, 84/10/29, 841160377.

841160228 Interim Deficiency Rept DER 84-56 re fire dampers closing inconsistently. Initially reported on 840822. Due to extensive evaluation, final rept delayed until 841116.

VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27546:035. 24X Fiche: 50-528, 84/10/30, 841160228.

841160270 Final Deficiency Rept DER 84-42 re environmentally qualified torque switches replaced w/unqualified torque switches.

Initially reported on 840618. Caused by absence of procedural controls. Item not reportable per 10CFR50.55(e). VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 4pp. 27544:354. 24X Fiche: 50-528, 84/10/30, 841160270.

841160357 Interim Deficiency Rept DER 84-25 re containment supply registers failing to cycle. Initially reported on 840501. Due to extensive evaluation, final rept delayed until 841114.

VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27545:213. 24X Fiche: 50-528, 84/10/30, 841160357.

841160365 Interim Deficiency Rept DER 84-06 re possible defects in absolute & deviation alarm modules supplied by Foxboro. Initially reported on 840216. Due to extensive evaluation, final rept delayed until 841116.

VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27549:261. 24X Fiche: 50-528, 84/10/30, 841160365.

841160429 Interim Deficiency Rept DER 84-62 re load sequencer not functioning properly during safeguards testing. Initially reported on 840815. Due to extensive evaluation, next rept delayed until 841114.

VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27549:235. 24X Fiche: 50-528, 84/10/30, 841160429.

841160434 Interim Deficiency Rept DER 84-54 re containment sump isolation valve. Initially reported on 840817. Due to extensive evaluation, next rept delayed until 841115.

VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27549:233. 24X Fiche: 50-528, 84/10/30, 841160434.

841200039 Interim Deficiency Rept DER 84-78 re Valcor solenoid valves failing to operate or failing while operating. Initially reported on 841004. Final rept delayed until 841116.

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/01. BISHOP, T.W. Region 5, Office of Director. 3pp. 27585:272. 24X Fiche: 50-528, 84/11/01, 841200039.

841190598 Final Deficiency Rept DER 84-37 & Part 21 rept re unqualified sealant in Walidinger Corp essential HVAC ductwork. Initially reported on 840510. All sealants removed.

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/02. BISHOP, T.W. Region 5, Office of Director. 6pp. 27567:182. 24X Fiche: 50-528, 84/11/02, 841190598.

841200057 Final Deficiency Rept DER 84-77 & Part 21 rept re potential leakage path in seal of threads between sensor module & electronic housing in Rosemount transmitters. Defective transmitters will be returned to vendor.

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/02. BISHOP, T.W. Region 5, Office of Director. 13pp. 27585:120. 24X Fiche: 50-528, 84/11/02, 841200057.

841200249 Interim Deficiency Rept DER 84-53 re bonnet & diaphragm nuts & bolts found loose on PC & CH valves. Initially reported on 840817. Due to extensive evaluation, next rept delayed until 841116.

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/02. BISHOP, T.W. Region 5, Office of Director. 2pp. 27585:047. 24X Fiche: 50-528, 84/11/02, 841200249.

841260423 Interim Deficiency Rept DER 84-76 re diesel generator storage temps. Initially reported on 841003. Temp tests run & shroud air deflectors installed. Due to extensive evaluation, final rept delayed until 841130.

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/02. BISHOP, T.W. Region 5, Office of Director. 3pp. 27612:237. 24X Fiche: 50-528, 84/11/02, 841260423.

841210327 Final Deficiency Rept DER 84-73 & Part 21 rept re logarithmic circuit cards in ex-core sys. Initially reported on 840925. Deficient test cards replaced for Channels A, B & C through final disposition of SFR 15E191/NRC SM-4859.

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/05. BISHOP, T.W. Region 5, Office of Director. 3pp. 27617:098. 24X Fiche: 50-528, 84/11/05, 841210327.

841210453 Interim Deficiency Rept DER 84-55 re unqualified Foxboro modules. Initially reported on 840817. Due to extensive evaluation, next rept delayed until 841116.

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/05. BISHOP, T.W. Region 5, Office of Director. 2pp. 27607:095. 24X Fiche: 50-528, 84/11/05, 841210453.

841260520 Final Deficiency Rept DER 84-21 re Rosemount transmitters not torqued to specified value. Initially reported on 840430.

Units 1 & 2 mounting hardware replaced to conform w/mat'l & installation requirements. VAN BRUNT, E.E. Arizona Public Service Co. 84/11/05. BISHOP, T.W. Region 5, Office of Director. 3pp. 27644:310. 24X Fiche: 50-528, 84/11/05, 841260520.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.

HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

841260495 Interim Deficiency Rept DER 84-63 re SIT valve not closing during testing. Initially reported on 840831. Investigation continuing. Final rept delayed until 841116.

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/06. BISHOP, T.W. Region 5, Office of Director. 2pp. 27645:162. 24X Fiche: 50-528, 84/11/06, 841260495.

841260504 Interim Deficiency Rept DER 84-83 re cavitation in HPSI Train A injection lines. Initially reported on 841010. Investigation continuing. Final rept delayed until 841129.

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/06. BISHOP, T.W. Region 5, Office of Director. 3pp. 27645:164. 24X Fiche: 50-528, 84/11/06, 841260504.

841260276 Final Deficiency Rept DER 84-58 re auxiliary feedwater sys solenoid valve failing to open in response to auxiliary feedwater actuating sys signal. Initially reported on 840808. Item not reportable per 10CFR50.55(e).

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/12. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 11pp. 27613:103. 24X Fiche: 50-528, 84/11/12, 841260276.

841260313 Final Deficiency Rept DER 84-65 re instrument leads removed from upper guide structure split. NCR SM-4706 dispositioned to leave instrument leads in upper guide structure. Not reportable per 10CFR50.55(e).

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/12. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 4pp. 27612:350. 24X Fiche: 50-528, 84/11/12, 841260313.

841260320 Final Deficiency Rept DER 84-67 re Target Rock solenoid valves not stroking during testing. Initially reported on 840907. Condition not reportable under 10CFR50.55(e).

VAN BRUNT, E.E. Arizona Public Service Co. 84/11/12. BISHOP, T.W. Region 5, Office of Director. 3pp. 27612:358. 24X Fiche: 50-528, 84/11/12, 841260320.

DOCKETED ITEMS

327

8411260331 Final Deficiency Rept DER 84-60 re unqualified lubricant in Limitorque operators. Initially reported on 840827. All valve operators flushed & relubricated prior to fuel load. Investigation Request IR-30 initiated.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/12. BISHOP, T.W. Region 5, Office of Director. 6pp. 27611:166. 24X
Fiche: 50-528, 84/11/12, 8411260331.

8411260426 Final Deficiency Rept DER 84-63 re failure of Target Rock valve JSID-HV613 to close during test. Reportability assessment & corrective action plan defined in Deficiency Rept DER 84-58. Condition not reportable per 10CFR50.55(e).
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/12. BISHOP, T.W. Region 5, Office of Director. 3pp. 27612:240. 24X
Fiche: 50-528, 84/11/12, 8411260426.

DOCKET STN-50-529 PALO VERDE NUCLEAR STATION, UNIT 2

A. Application/construction stage documents & correspondence

8411290163 Responds to FOIA request for records re problems encountered by util during hot functional testing. Document withheld (ref FOIA Exemption 4).
FELTON, J.M. Division of Rules and Records. 84/05/14. BERNABEI, L. Government Accountability Project. 2pp. 27698:210. 24X
Fiche: 50-528, 84/05/14, 8411290163.

8411080560 Advises that Kaman noble gas monitors conform w/requirements of NUREG-0737, Item II.F.1.1. Review of Task Initiation Action 84-03 completed.
EISENHUT, D.G. Division of Licensing. 84/10/29. SCARAND, R.A. Division of Radiological Safety & Safeguards Program. 1p. 27407:098. 24X
Fiche: 50-528, 84/10/29, 8411080560.

8411020282 Forwards "Solid Radwaste Process Control Program." Program includes editorial corrections as well as resolution of comments arising from discussion w/NRC on 840910. Three draft procedures referenced in program also forwarded.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27253:192. 24X
Fiche: 50-528, 84/10/30, 8411020282.

--8411020288 "Solid Radwaste Process Control Program." Draft Procedures 75RP-75R01, "Solidification Process Control," 75QP-15R02, "Operation of Solidification Sys" & 75RP-1ZZ01, "Solidified Radwaste Classification," encl.
* Arizona Public Service Co. 84/10/30. 14pp. 27253:193. 24X
Fiche: 50-528, 84/10/30, 8411020288.

8411060398 Forwards info supporting ESF actuation sys design compliance w/GDC 21, Reg Guides 1.22 & 1.118 & IEEE Std 338, per 840702 request.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/01. KNIGHTON, G.W. Licensing Branch 3. 49pp. 27312:013. 24X
Fiche: 50-528, 84/11/01, 8411060398.

8411070015 Forwards Rev O to "Offsite Dose Calculation Manual." Manual includes resolution of comments arising from discussions w/NRC on 840920 & 1017.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/01. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27354:197. 24X
Fiche: 50-528, 84/11/01, 8411070015.

--8411070022 Rev O to "Offsite Dose Calculation Manual."
* Arizona Public Service Co. 84/11/01. 100pp. 27354:199. 24X
Fiche: 50-528, 84/11/01, 8411070022.

8411070013 Forwards revised FSAR pages reflecting changes due to field testing results & in support of Tech Spec review, per 841004 meeting.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/03. KNIGHTON, G.W. Licensing Branch 3. 117pp. 27359:148. 24X
Fiche: 50-528, 84/11/03, 8411070013.

8411200582 Notification of 841107 meeting w/util in Bethesda, MD to discuss operating experience for shift staffing.
LICITRA, E.A. Licensing Branch 3. 84/11/05. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27598:065. 24X
Fiche: 50-528, 84/11/05, 8411200582.

8411140253 Requests addl info re proposed changes to Chapter 17 of FSAR. Dept assigned responsibilities for deleted const GA/GC dept requested. Dept assuming operations of QA/GC responsibilities unclear. Info requested within 30 days.
KIRSCH, D.F. Region 5, Office of Director. 84/11/06. VAN BRUNT, E.E. Arizona Public Service Co. 2pp. 27469:318. 24X
Fiche: 50-528, 84/11/06, 8411140253.

8411160256 Forwards application to amend CPR-142, extending completion date to 851231. Extension requested though unit should be prepared to load fuel at earlier date.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/13. Office of Nuclear Reactor Regulation, Director. 2pp. 27537:324. 24X
Fiche: 50-529, 84/11/13, 8411160256.

--8411160261 Application to amend CPR-142, extending completion date to 851231.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/13. 4pp. 27537:326. 24X
Fiche: 50-529, 84/11/13, 8411160256.

8411160245 Forwards errata to CEN-267(V)-NP & Rev 1-NP, "Final Rept on Performance Evaluation of Palo Verde Control Element Assembly Shroud."
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/14. KNIGHTON, G. Licensing Branch 3. 2pp. 27543:200. 24X
Fiche: 50-528, 84/11/14, 8411160245.

--8411160258 Errata to CEN-267(V)-NP & Rev 1-NP, "Final Rept on Performance Evaluation of Palo Verde Control Element Assembly Shroud."
* Combustion Engineering, Inc. CEN-26(V)-NP ERR R1. 84/08/31. 4pp. 27543:202. 24X
Fiche: 50-528, 84/11/14, 8411160245.

8411190421 Forwards marked-up FSAR pages consisting of minor changes clarifying 841015 proposed changes re Reg Guide 1.33.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/15. KNIGHTON, G. Licensing Branch 3. 6pp. 27552:261. 24X
Fiche: 50-528, 84/11/15, 8411190421.

8411200288 Responds to 841006 request for addl info re Reactor Sys Branch questions concerning proof & review Tech Specs. Reactor protective instrumentation setpoints discussed.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/16. KNIGHTON, G. Licensing Branch 3. 28pp. 27573:093. 24X
Fiche: 50-528, 84/11/16, 8411200288.

8411280314 Corrected response to 841006 request for addl info re proof & review Tech Specs. Reactor protection sys rate setpoint of 11% per minute has no adverse impact on safety analysis due to rapid rate of increase of core power.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/16. KNIGHTON, G. Licensing Branch 3. 29pp. 27661:051. 24X
Fiche: 50-528, 84/11/16, 8411280314.

8411260061 Clarifies NDE performed on control element assembly shroud top plate welds, per 841109 telcon. Reexam included documented LP & visual exam rept. No record of details of cosmetic repair operation available.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/20. KNIGHTON, G. Licensing Branch 3. 3pp. 27616:354. 24X
Fiche: 50-528, 84/11/20, 8411260061.

8411260230 Requests change to FSAR Section 17.2, delineating responsibility for concurrence & approval for operations GA criteria manual. Marked-up FSAR page encl.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/21. KNIGHTON, G. Licensing Branch 3. 3pp. 27616:008. 24X
Fiche: 50-528, 84/11/21, 8411260230.

8411280297 Forwards info presented at 841109 meeting re shutdown cooling sys relief valve operability & Crosby steam production tests for Crosby 6R10, JD-56 relief valve, per request.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/26. KNIGHTON, G. Licensing Branch 3. 2pp. 27662:057. 24X
Fiche: 50-000, 84/11/26, 8411280297.

--8411280307 "Summary Rept on Operability of Shutdown Cooling Sys Relief Valves for Palo Verde Units 1,2 & 3."
* Combustion Engineering, Inc. 84/11/30. 23pp. 27662:069. 24X
Fiche: 50-000, 84/11/26, 8411280297.

E. NRC Safety Evaluation Report (SER), suppl & correspondence

8410310378 Forwards updated equipment qualification summary sheets & revised responses to NRC comments on util 840919 ltr. Qualification status of all THI action plan equipment noted in previous submittals confirmed per SSER 5 (NUREG-0857).
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. KNIGHTON, G. Licensing Branch 3. 41pp. 27193:303. 24X
Fiche: 50-528, 84/10/29, 8410310378.

8411210379 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF PALO VERDE NUCLEAR GENERATING STATION, UNITS 1,2 and 3. Docket Nos. 50-528, 50-529 And 50-530. (Arizona Public Service Company)
* Division of Licensing. NUREG-0857 806. 84/10/31. 78pp. Available at NRC. \$4.50. 27617:334. 24X
Fiche: 50-528, 84/10/31, 8411210379.

DOCKETED ITEMS

F. Security, medical, emergency & fire protection plans

8411060379 Forwards public version of revised emergency plan implementing procedures, including EPIP-04 re alert implementing actions, EPIP-05 re emergency implementing actions & EPIP-09 re emergency coordinator. VAN BRUNT, E. E. Arizona Public Service Co. 84/10/03. KNIGHTON, G. W. Licensing Branch 3. 3pp. 27384:107. 24X Fiche: 50-528, 84/10/03, 8411060379.

--8411060388 Public version of revised emergency plan implementing procedures, including EPIP-04 re alert implementing actions, EPIP-05 re emergency implementing actions & EPIP-09 re emergency coordinator. W/JM Felton 841026 memo. * Arizona Public Service Co. 84/09/20. 729pp. 27384:110. 24X Fiche: 50-528, 84/10/03, 8411060379.

8411020243 Forwards "Probabilistic Assessment of Uncontrolled Deformation Event W/Control Room Fire for Palo Verde Nuclear Generating Station," per commitment to perform PRA of alternate shutdown capability. VAN BRUNT, E. E. Arizona Public Service Co. 84/10/31. KNIGHTON, G. W. Licensing Branch 3. 3pp. 27255:177. 24X Fiche: 50-528, 84/10/31, 8411020243.

--8411020251 "Probabilistic Assessment of Uncontrolled Deformation Event W/Control Room Fire for Palo Verde Nuclear Generating Station." * Arizona Public Service Co. 84/10/31. 17pp. 27255:180. 24X Fiche: 50-528, 84/10/31, 8411020243.

8411290139 Notification of 841115 meeting w/util in Maricopa County, AZ to discuss security program. Meeting closed to public since details of security program withheld from public disclosure. LICITRA, E. A. Licensing Branch 3. 84/11/09. KNIGHTON, G. W. Licensing Branch 3. 3pp. 27701:048. 24X Fiche: 50-528, 84/11/09, 8411290139.

8411160272 Forwards Revs 1 to "Control Room Fire Spurious Actuation Evaluation for Palo Verde Nuclear Generating Station, Units 1, 2 & 3" & "Fire Event Safe Shutdown Evaluation Outside Control Room Fire Spurious Actuation Study...." VAN BRUNT, E. E. Arizona Public Service Co. 84/11/13. KNIGHTON, G. W. Licensing Branch 3. 2pp. 27540:191. 24X Fiche: 50-528, 84/11/13, 8411160272.

--8411160280 Rev 1 to "Control Room Fire Spurious Actuation Evaluation for Palo Verde Nuclear Generating Station, Units 1, 2 & 3." * Arizona Public Service Co. 84/11/06. 39pp. 27540:193. 24X Fiche: 50-528, 84/11/13, 8411160272.

8411200241 Forwards Amend 7 to security plan. Amend withheld (ref 10CFR2.790). VAN BRUNT, E. E. Arizona Public Service Co. 84/11/15. KNIGHTON, G. W. Licensing Branch 3. 2pp. 27577:248. 24X Fiche: 50-528, 84/11/15, 8411200241.

8411280168 Forwards Jul 1984 fixed nuclear facility offsite emergency response plan, compiled & approved by State of AZ & County of Maricopa. VAN BRUNT, E. E. Arizona Public Service Co. 84/11/26. KNIGHTON, G. W. Licensing Branch 3. 2pp. 27665:026. 24X Fiche: 50-528, 84/11/26, 8411280168.

--8411280174 "Fixed Nuclear Facility Offsite Emergency Response Plan for Maricopa County & State of AZ." * Arizona, State of. * Maricopa County, AZ. 84/07/31. 320pp. 27665:028. 24X Fiche: 50-528, 84/11/26, 8411280168.

G. Adjudicatory correspondence

8411060421 Third set of interrogatories. Certificate of Svc encl. Related correspondence. * Office of the Executive Legal Director. #484 930. 84/10/26. West Valley Agricultural Protection Council, Inc. 7pp. 27320:240. 24X Fiche: 50-529, 84/10/26, 8411060421.

8411060430 First set of interrogatories. Certificate of Svc encl. Related correspondence. * Office of the Executive Legal Director. #484 929. 84/10/26. Arizona Public Service Co. 7pp. 27315:353. 24X Fiche: 50-529, 84/10/26, 8411060430.

8411290307 Informs of Commissioner Bernthal 841207 facility tour. Requests representatives wishing to attend notify R Faulkenberry by 841203. Served on 841128. * Commissioners. #484 335. 84/11/28. Office of the Executive Legal Director. 1p. 27677:299. 24X Fiche: 50-529, 84/11/28, 8411290307.

H. General correspondence

8411020436 Notifies that RL Greenfield should be removed from mailing list & TW Barudin added to list. Address listed. BARUDIN, T. W. New Mexico, State of. 84/10/22. KNIGHTON, G. W. Licensing Branch 3. 1p. 27274:305. 24X Fiche: 50-528, 84/10/22, 8411020436.

G. Inspection reports, IE Bulletins & correspondence

8411190319 Forwards response to NRC review of IE Bulletin B3-07 re apparently fraudulent products sold by Ray Miller, Inc. Vendor qualification process will be refined & monitoring of suppliers increased. VAN BRUNT, E. E. Arizona Public Service Co. 84/09/07. BISHOP, T. W. Region 5, Office of Director. App. 27554:174. 24X Fiche: 50-528, 84/09/07, 8411190319.

8411160410 Forwards Insp Repts 50-528/84-33 & 50-529/84-26 on 840813-0908 & notice of violation. BISHOP, T. W. Region 5, Office of Director. 84/10/25. VAN BRUNT, E. E. Arizona Public Service Co. 2pp. 27545:284. 24X Fiche: 50-528, 84/10/25, 8411160410.

--8411160415 Insp Repts 50-528/84-33 & 50-529/83-26 on 810813-0908. Violation noted: primary coolant chemical addition attempted in Unit 1 procedure to assure proper valve alignment, resulting in unplanned overfill of reactor vessel. MILLER, L. L. ZIMMERMAN, R. FIORELLI, G. Region 5, Office of Director. 84/10/25. 8pp. 27545:287. 24X Fiche: 50-528, 84/10/25, 8411160410.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl. GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411090208 Responds to notice of violation from Insp Repts 50-528/84-28 & 50-529/84-22. Corrective actions: review of 400 startup field repts will be submitted by 841031, per author 841022 commitment. VAN BRUNT, E. E. Arizona Public Service Co. 84/10/29. BISHOP, T. W. Region 5, Office of Director. 1p. 27398:157. 24X Fiche: 50-528, 84/10/29, 8411090208.

8411090231 Provides revised schedule date of 841203 for documented qualification of GE century series HFA relays, per 841016 discussion & actions based on IE Bulletin 84-02. VAN BRUNT, E. E. Arizona Public Service Co. 84/10/29. MARTIN, J. B. Region 5, Office of Director. 1p. 27398:146. 24X Fiche: 50-528, 84/10/29, 8411090231.

8411190090 Forwards Insp Repts 50-528/84-43, 50-529/84-30 & 50-530/84-21 on 840925-1005. No violations or deviations noted. KIRSCH, D. F. Division of Resident Reactor Project & Engineering Programs. 84/10/31. VAN BRUNT, E. E. Arizona Public Service Co. 3pp. 27568:062. 24X Fiche: 50-528, 84/10/31, 8411190090.

--8411190094 Insp Repts 50-528/84-43, 50-529/84-30 & 50-530/84-21 on 840924-1005. No violations or deviations noted. Major areas inspected: IE bulletins & implementation of TMI lessons learned actions. SORENSON, G. C., WAGNER, W. J., MILLER, L. F. Region 5, Office of Director. 84/10/30. 10pp. 27568:065. 24X Fiche: 50-528, 84/10/31, 8411190090.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411140272 Ack receipt of 840911 & 12 ltrs informing NRC of steps taken to correct violations noted in NRC 840807 & 08 ltrs. KIRSCH, D. F. Region 5, Office of Director. 84/11/07. VAN BRUNT, E. E. Arizona Public Service Co. 1p. 27469:186. 24X Fiche: 50-528, 84/11/07, 8411140272.

--8411140280 Responds to NRC 840807 ltr re violations noted in 840402-0531 insp. Corrective actions: engineering walkdown of all safety-related HVAC instruments to assure correct installation performed. VAN BRUNT, E. E. Arizona Public Service Co. 84/09/12. BISHOP, T. W. Region 5, Office of Director. 36pp. 27469:187. 24X Fiche: 50-528, 84/11/07, 8411140272.

DOCKETED ITEMS

329

8411060254 IE Info Notice 84-80. "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411140165 Ack receipt of 841019 ltr informing NRC of steps taken to correct violations noted in 840922 ltr.
KIRSCH, D.F. Region 5, Office of Director. 84/11/08. VAN BRUNT, E.E. Arizona Public Service Co. 1p. 27464:190. 24X Fiche: 50-528, 84/11/08, 8411140165.

8411200169 Requests extension until end of Feb 1985 to respond to IE Bulletin 84-03. "Refueling Cavity Water Seal" due to plan to participate in INPO meeting & opportunity to determine most viable long term solution to issue.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/14. MARTIN, Region 5, Office of Director. 1p. 27577:320. 24X Fiche: 50-528, 84/11/14, 8411200169.

8411150041 IE Info Notice 84-81. "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48. "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82. "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411260242 Requests that quality of Bahnson HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnson equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

S. Reportable occurrences, LERs & related correspondence

8409280486 Final Deficiency Rept DER 83-57 re cracks in C-E supplied control element assembly shroud. Mods made to control element assembly guide & shroud lateral supports.
VAN BRUNT, E.E. Arizona Public Service Co. 84/09/14. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 12pp. 27400:352. 24X Fiche: 50-528, 84/09/14, 8409280486.

8411160051 Interim Deficiency Rept DER 84-69 re reactor protection sys shunt trip contacts. Initially reported on 840829. Due to extensive investigation & evaluation required, next rept will be submitted by 841109.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/23. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:115. 24X Fiche: 50-528, 84/10/23, 8411160051.

8411160546 Interim Deficiency Rept DER 84-63 re safety injection tank vent valve not closing during testing. Initially reported on 840831. Due to extensive investigation & evaluation, next rept delayed until 841108.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/23. BISHOP, T.W. Region 5, Office of Director. 2pp. 27545:128. 24X Fiche: 50-528, 84/10/23, 8411160546.

8411160556 Interim Deficiency Rept DER 84-40 re auxiliary feedwater pump corrosion. Initially reported on 840603. Due to extensive investigation & evaluation required, next rept delayed until 841023.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/23. BISHOP, T.W. Region 5, Office of Director. 1p. 27545:116. 24X Fiche: 50-529, 84/10/23, 8411160556.

8411160081 Interim Deficiency Rept DER 84-44 re fatigue failure of charging pumps. Initially reported on 840706. Due to extensive investigation & evaluation required, next rept will be submitted by 841116.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:255. 24X Fiche: 50-528, 84/10/25, 8411160081.

8411160090 Interim Deficiency Rept DER 84-73 re logarithmic circuit cards in excore sys. Initially reported on 840925. Bechtel studying problem to determine reportability. Due to extensive investigation, next rept will be submitted on 841115.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 3pp. 27545:190. 24X Fiche: 50-528, 84/10/25, 8411160090.

8411160096 Interim Deficiency Rept DER 83-73 re unqualified Foxboro power supplies installed in IE instrument cabinets. Initially reported on 831027. Final rept delayed until 841114.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:207. 24X Fiche: 50-528, 84/10/25, 8411160096.

8411160124 Interim Deficiency Rept DER 84-72 re HPSI pump miniflow isolation valve. Initially reported on 840925. Bechtel & C-E evaluating condition to determine cause. Due to extensive investigation, next rept will be submitted by 841115.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 3pp. 27544:324. 24X Fiche: 50-528, 84/10/25, 8411160124.

8411160142 Interim Deficiency Rept DER 84-36 re safety injection valve stalling just off closing seat when opening or closing. Initially reported on 840517. Due to extensive investigations & evaluation, next rept will be submitted by 841123.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:303. 24X Fiche: 50-528, 84/10/25, 8411160142.

8411160215 Interim Deficiency Rept DER 84-27 re improperly handled instrumentation from Waldinger. Initially reported on 840510. Due to extensive investigation & evaluation, final rept delayed until 841113.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27546:029. 24X Fiche: 50-528, 84/10/25, 8411160215.

8411160431 Part 21 & Final Deficiency Rept DER 84-50 re MSIV not closing within 5 s as required. Initially reported on 840724. Nitrogen precharge pressure temp curve revised & incorporated into Anchor/Darling instruction manual.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 6pp. 27545:227. 24X Fiche: 50-528, 84/10/25, 8411160431.

8411160538 Interim Deficiency Rept DER 84-65 re split instrument leads removed from UGS. Initially reported on 840904. Due to extensive investigation & evaluation, next rept delayed until 841115.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27545:130. 24X Fiche: 50-528, 84/10/25, 8411160538.

8411160419 Provides addl info on evaluation & corrective action re excessive setpoint drift in some potentiometers in auxiliary feedwater actuation sys cabinet at St Lucie Unit 2 & plant protection sys cabinets at Palo Verde.
SCHERER, A.E. Combustion Engineering, Inc. 84/10/26. BAER, R.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 2pp. 27469:006. 24X Fiche: 50-000, 84/10/26, 8411160419.

8411160049 Final Deficiency Rept DER 84-85 re evaluation of radiological consequences of control element assembly ejection accident. Initially reported on 841016. Item determined not reportable under 10CFR50.55(e).
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:166. 24X Fiche: 50-528, 84/10/26, 8411160049.

8411160061 Final Deficiency Rept DER 84-84 re MSIV closure interface requirements. Initially reported on 840928. Item determined not reportable under 10CFR50.55(e). Documentation of evaluation will be maintained in util files.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:122. 24X Fiche: 50-528, 84/10/26, 8411160061.

8411160070 Interim Deficiency Rept DER 84-21 re Rosemount transmitters not torqued to specified value. Initially reported on 840431. Due to extensive investigation & evaluation required, final rept will be delayed until 841113.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:001. 24X Fiche: 50-528, 84/10/26, 8411160070.

8411160426 Final Deficiency Rept DER 84-34 re critical friction-type, high-strength connectors. Initially reported on 840517. Insp walkdown conducted for 32 connections. Incompletely tightened safety injection tank keyway bolts will be reworked.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 6pp. 27545:237. 24X Fiche: 50-528, 84/10/26, 8411160426.

DOCKETED ITEMS

- 841160084 Interim Deficiency Rept DER 84-67 re defective Target Rock solenoid valves. Initially reported on 840907. Due to extensive investigation & evaluation, final rept delayed until 841114.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27544:253. 24X Fiche: 50-528, 84/10/29, 841160084.
- 841160107 Interim Deficiency Rept DER 84-58 re failure of auxiliary feedwater sys solenoid valve to open in response to auxiliary feedwater actuating sys signal. Initially reported on 840808. Final rept delayed until 841113.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27544:291. 24X Fiche: 50-528, 84/10/29, 841160107.
- 841160133 Interim Deficiency Rept DER 84-68 re defective essential chiller temp switch. Initially reported on 840910. Due to extensive investigation & evaluation, final rept delayed until 841115.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27544:305. 24X Fiche: 50-528, 84/10/29, 841160133.
- 841160148 Interim Deficiency Rept DER 84-60 re improper lubricant used in Limitorque valve operators. Initially reported on 840827. Due to extensive investigation, final rept delayed until 841113.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27545:343. 24X Fiche: 50-528, 84/10/29, 841160148.
- 841160195 Interim Deficiency Rept DER 84-64 re pipe support not cycling through entire stroke. Initially reported on 840904. Due to extensive investigation & evaluation, final rept delayed until 841115.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27546:011. 24X Fiche: 50-528, 84/10/29, 841160195.
- 841160228 Interim Deficiency Rept DER 84-56 re fire dampers closing inconsistently. Initially reported on 840822. Due to extensive evaluation, final rept delayed until 841116.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27546:035. 24X Fiche: 50-528, 84/10/30, 841160228.
- 841160357 Interim Deficiency Rept DER 84-25 re containment supply registers failing to cycle. Initially reported on 840501. Due to extensive evaluation, final rept delayed until 841114.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27545:213. 24X Fiche: 50-528, 84/10/30, 841160357.
- 841160365 Interim Deficiency Rept DER 84-06 re possible defects in absolute & deviation alarm modules supplied by Foxboro. Initially reported on 840216. Due to extensive evaluation, final rept delayed until 841116.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27545:261. 24X Fiche: 50-528, 84/10/30, 841160365.
- 841160388 Interim Deficiency Rept DER 84-15 re welds attaching pipe restraint supports less than design-calculated dimensions. Due to extensive evaluation, final rept delayed until 841116.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27545:215. 24X Fiche: 50-529, 84/10/30, 841160388.
- 841160429 Interim Deficiency Rept DER 84-62 re load sequencer not functioning properly during safeguards testing. Initially reported on 840815. Due to extensive evaluation, next rept delayed until 841114.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 2pp. 27545:235. 24X Fiche: 50-528, 84/10/30, 841160429.
- Interim Deficiency Rept DER 84-54 re containment sump y reported on 840817. Due to t rept delayed until 841115.
Public Service Co. 84/10/30. BISHOP, T.W. tor Project & Engineering Programs. 2pp. '30, 841160434.
- Part 21 rept re ntial HVAC valants removed. 84/11/02. BISHOP, T.W. 82. 24X
- 8411200057 Final Deficiency Rept DER 84-77 & Part 21 rept re potential leakage path in seal of threads between sensor module & electronic housing in Rosemount transmitters. Defective transmitters will be returned to vendor.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/02. BISHOP, T.W. Region 5, Office of Director. 13pp. 27585:120. 24X Fiche: 50-528, 84/11/02, 8411200057.
- 8411200249 Interim Deficiency Rept DER 84-53 re bonnet & diaphragm nuts & bolts found loose on PC & CH valves. Initially reported on 840817. Due to extensive evaluation, next rept delayed until 841116.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/02. BISHOP, T.W. Region 5, Office of Director. 2pp. 27585:047. 24X Fiche: 50-528, 84/11/02, 8411200249.
- 8411210327 Final Deficiency Rept DER 84-73 & Part 21 rept re logarithmic circuit cards in ex-core sys. Initially reported on 840925. Deficient test cards replaced for Channels A, B & C through final disposition of SFR 1SE191/NRC SM-4859.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/05. BISHOP, T.W. Region 5, Office of Director. 5pp. 27617:098. 24X Fiche: 50-528, 84/11/05, 8411210327.
- 8411210453 Interim Deficiency Rept DER 84-55 re unqualified Foxboro modules. Initially reported on 840817. Due to extensive evaluation, next rept delayed until 841116.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/05. BISHOP, T.W. Region 5, Office of Director. 2pp. 27607:095. 24X Fiche: 50-528, 84/11/05, 8411210453.
- 8411260520 Final Deficiency Rept DER 84-21 re Rosemount transmitters not torqued to specified value. Initially reported on 840430. Units 1 & 2 mounting hardware replaced to conform w/matl & installation requirements.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/05. BISHOP, T.W. Region 5, Office of Director. 5pp. 27644:310. 24X Fiche: 50-528, 84/11/05, 8411260520.
- 8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office. Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 8411190524.
- 8411210163 Interim Deficiency Rept DER 84-81 re HPBI valve hesitation. Initially reported on 841009. Investigation continuing. Final rept expected by 841130.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/06. BISHOP, T.W. Region 5, Office of Director. 3pp. 27606:103. 24X Fiche: 50-529, 84/11/06, 8411210163.
- 8411260495 Interim Deficiency Rept DER 84-63 re SIT valve not closing during testing. Initially reported on 840831. Investigation continuing. Final rept delayed until 841116.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/06. BISHOP, T.W. Region 5, Office of Director. 2pp. 27645:162. 24X Fiche: 50-528, 84/11/06, 8411260495.

DOCKET STN-50-530 PALO VERDE NUCLEAR STATION, UNIT 3

A. Application/construction stage documents & correspondence

- 8411290163 Responds to FOIA request for records re problems encountered by util during hot functional testing. Document withheld (ref FOIA Exemption 4).
FELTON, J.M. Division of Rules and Records. 84/05/14. BERNABEI, L. Government Accountability Project. 2pp. 27698:210. 24X Fiche: 50-528, 84/05/14, 8411290163.
- 8411080560 Advises that Kaman noble gas monitors conform w/requirements of NUREG-0737, Item II.F.1.1. Review of Task Initiation Action 84-03 completed.
EISENHUT, D.G. Division of Licensing. 84/10/29. SCARANO, R.A. Division of Radiological Safety & Safeguards Program. 1p. 27407:098. 24X Fiche: 50-528, 84/10/29, 8411080560.
- 8411020282 Forwards "Solid Radwaste Process Control Program." Program includes editorial corrections as well as resolution of comments arising from discussion w/NRC on 840910. Three draft procedures referenced in program also forwarded.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27233:192. 24X Fiche: 50-528, 84/10/30, 8411020282.
- 8411020288 "Solid Radwaste Process Control Program." Draft Procedures 75RP-75R01, "Solidification Process Control," 75OP-15R02, "Operation of Solidification Sys" & 75RP-12Z01, "Solidified Radwaste Classification," encl.
* Arizona Public Service Co. 84/10/30. 141pp. 27253:195. 24X Fiche: 50-528, 84/10/30, 8411020282.

DOCKETED ITEMS

331

8411060398 Forwards info supporting ESF actuation sys design compliance w/GDC 21, Reg Guides 1.22 & 1.118 & IEEE Std 338, per 840702 request.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/01. KNIGHTON, G. Licensing Branch 3. 49pp. 27312:013. 24X Fiche: 50-528, 84/11/01, 8411060398.

8411070015 Forwards Rev O to "Offsite Dose Calculation Manual." Manual includes resolution of comments arising from discussions w/ NRC on 840920 & 1017.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/01. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27354:197. 24X Fiche: 50-528, 84/11/01, 8411070015.

--8411070022 Rev O to "Offsite Dose Calculation Manual."
* Arizona Public Service Co. 84/11/01. 100pp. 27354:197. 24X Fiche: 50-528, 84/11/01, 8411070015.

8411070013 Forwards revised FSAR pages reflecting changes due to field testing results & in support of Tech Spec review, per 841004 meeting.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/05. KNIGHTON, G. Licensing Branch 3. 117pp. 27359:148. 24X Fiche: 50-528, 84/11/05, 8411070013.

8411200582 Notification of 841107 meeting w/util in Bethesda, MD to discuss operating experience for shift staffing.
LICITRA, E.A. Licensing Branch 3. 84/11/05. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27598:065. 24X Fiche: 50-528, 84/11/05, 8411200582.

8411140253 Requests addl info re proposed changes to Chapter 17 of FSAR, Dept assigned responsibilities for deleted const GA/GC dept requested. Dept assuming operations of GA/GC responsibilities unclear. Info requested within 30 days.
KIRSCH, D.F. Region 5, Office of Director. 84/11/06. VAN BRUNT, E.E. Arizona Public Service Co. 2pp. 27469:318. 24X Fiche: 50-528, 84/11/06, 8411140253.

8411160245 Forwards errata to CEN-267(V)-NP & Rev 1-NP, "Final Rept on Performance Evaluation of Palo Verde Control Element Assembly Shroud."
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/14. KNIGHTON, G. Licensing Branch 3. 2pp. 27543:200. 24X Fiche: 50-528, 84/11/14, 8411160245.

--8411160258 Errata to CEN-267(V)-NP & Rev 1-NP, "Final Rept on Performance Evaluation of Palo Verde Control Element Assembly Shroud."
* Combustion Engineering, Inc. CEN-26(V)-NP ERR R1. 84/08/31. 4pp. 27543:202. 24X Fiche: 50-528, 84/11/14, 8411160245.

8411190421 Forwards marked-up FSAR pages consisting of minor changes clarifying 841015 proposed changes re Reg Guide 1.33.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/15. KNIGHTON, G. Licensing Branch 3. 6pp. 27552:261. 24X Fiche: 50-528, 84/11/15, 8411190421.

8411200288 Responds to 841006 request for addl info re Reactor Sys Branch questions concerning proof & review Tech Specs. Reactor protective instrumentation setpoints discussed.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/16. KNIGHTON, G. Licensing Branch 3. 28pp. 27573:093. 24X Fiche: 50-528, 84/11/16, 8411200288.

8411280314 Corrected response to 841006 request for addl info re proof & review Tech Specs. Reactor protection sys rate setpoint of 11% per minute has no adverse impact on safety analysis due to rapid rate of increase of core power.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/16. KNIGHTON, G. Licensing Branch 3. 29pp. 27661:051. 24X Fiche: 50-528, 84/11/16, 8411280314.

8411260061 Clarifies NDE performed on control element assembly shroud top plate welds, per 841109 telcon. Reexam included documented LP & visual exam rept. No record of details of cosmetic repair operation available.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/20. KNIGHTON, G. Licensing Branch 3. 3pp. 27616:354. 24X Fiche: 50-528, 84/11/20, 8411260061.

8411260230 Requests change to FSAR Section 17.2, delineating responsibility for concurrence & approval for operations GA criteria manual. Marked-up FSAR page encl.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/21. KNIGHTON, G. Licensing Branch 3. 3pp. 27616:008. 24X Fiche: 50-528, 84/11/21, 8411260230.

8411280297 Forwards info presented at 841109 meeting re shutdown cooling sys relief valve operability & Crosby steam production tests for Crosby 6R10-JD-56 relief valve, per request.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/26. KNIGHTON, G. Licensing Branch 3. 2pp. 27662:057. 24X Fiche: 50-000, 84/11/26, 8411280297.

--8411280307 "Summary Rept on Operability of Shutdown Cooling Sys Relief Valves for Palo Verde Units 1, 2 & 3."
* Combustion Engineering, Inc. 84/11/30. 23pp. 27662:069. 24X Fiche: 50-000, 84/11/26, 8411280297.

E. NRC Safety Evaluation Report (SER), supp's & correspondence

8410310378 Forwards updated equipment qualification summary sheets & revised responses to NRC comments on util 840919 ltr. Qualification status of all TMI action plan equipment noted in previous submittals confirmed per SSER 5 (NUREG-0857).
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. KNIGHTON, G. Licensing Branch 3. 41pp. 27193:303. 24X Fiche: 50-528, 84/10/29, 8410310378.

8411210379 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3, Docket Nos. 50-528, 50-529 AND 50-530. (Arizona Public Service Company)
* Division of Licensing. NUREG-0857 S06. 84/10/31. 78pp. Available at NRC. \$4.50. 27617:354. 24X Fiche: 50-528, 84/10/31, 8411210379.

F. Security, medical, emergency & fire protection plans

8411060379 Forwards public version of revised emergency plan implementing procedures, including EPIP-04 re alert implementing actions, EPIP-05 re emergency implementing actions & EPIP-09 re emergency coordinator.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/03. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27384:107. 24X Fiche: 50-528, 84/10/03, 8411060379.

--8411060388 Public version of revised emergency plan implementing procedures, including EPIP-04 re alert implementing actions, EPIP-05 re emergency implementing actions & EPIP-09 re emergency coordinator. W/JM Felton 841026 memo.
* Arizona Public Service Co. 84/09/20. 729pp. 27384:110. 24X Fiche: 50-528, 84/10/03, 8411060379.

8411020243 Forwards "Probabilistic Assessment of Uncontrolled Deboration Event W/Control Room Fire for Palo Verde Nuclear Generating Station," per commitment to perform PRA of alternate shutdown capability.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/31. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27255:177. 24X Fiche: 50-528, 84/10/31, 8411020243.

--8411020251 "Probabilistic Assessment of Uncontrolled Deboration Event W/Control Room Fire for Palo Verde Nuclear Generating Station."
* Arizona Public Service Co. 84/10/31. 17pp. 27255:180. 24X Fiche: 50-528, 84/10/31, 8411020243.

8411290139 Notification of 841115 meeting w/util in Maricopa County, AZ to discuss security program. Meeting closed to public since details of security program withheld from public disclosure.
LICITRA, E.A. Licensing Branch 3. 84/11/09. KNIGHTON, G.W. Licensing Branch 3. 3pp. 27701:048. 24X Fiche: 50-528, 84/11/09, 8411290139.

8411160272 Forwards Revs 1 to "Control Room Fire Spurious Actuation Evaluation for Palo Verde Nuclear Generating Station, Units 1, 2 & 3" & "Fire Event Safe Shutdown Evaluation Outside Control Room Fire Spurious Actuation Study...."
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/13. KNIGHTON, G. Licensing Branch 3. 2pp. 27540:191. 24X Fiche: 50-528, 84/11/13, 8411160272.

--8411160280 Rev 1 to "Control Room Fire Spurious Actuation Evaluation for Palo Verde Nuclear Generating Station, Units 1, 2 & 3."
* Arizona Public Service Co. 84/11/06. 39pp. 27540:193. 24X Fiche: 50-528, 84/11/13, 8411160272.

8411200241 Forwards Amend 7 to security plan. Amend withheld (ref 100CR2.790).
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/15. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27577:248. 24X Fiche: 50-528, 84/11/15, 8411200241.

DOCKETED ITEMS

8411280168 Forwards Jul 1984 fixed nuclear facility offsite emergency response plan, compiled & approved by State of AZ & County of Maricopa.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/26. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27665:026. 24X Fiche: 50-528, 84/11/26, 8411280168.

--8411280174 "Fixed Nuclear Facility Offsite Emergency Response Plan for Maricopa County & State of AZ."
* Arizona, State of. * Maricopa County, AZ. 84/07/31. 320pp. 27665:028. 24X Fiche: 50-528, 84/11/26, 8411280168.

G. Adjudicatory correspondence

8411060421 Third set of interrogatories. Certificate of Svc encl. Related correspondence.
* Office of the Executive Legal Director. #484 930. 84/10/26. West Valley Agricultural Protection Council, Inc. 7pp. 27320:240. 24X Fiche: 50-529, 84/10/26, 8411060421.

8411060430 First set of interrogatories. Certificate of Svc encl. Related correspondence.
* Office of the Executive Legal Director. #484 929. 84/10/26. Arizona Public Service Co. 7pp. 27315:353. 24X Fiche: 50-529, 84/10/26, 8411060430.

8411290307 Informs of Commissioner Bernthal 841207 facility tour. Requests representatives wishing to attend notify R Faulkenberry by 841205. Served on 841128.
* Commissioners. #484 335. 84/11/28. Office of the Executive Legal Director. 1p. 27677:299. 24X Fiche: 50-529, 84/11/28, 8411290307.

H. General correspondence

8411020436 Notifies that RL Greenfield should be removed from mailing list & TW Barudin added to list. Address listed.
BARUDIN, T.W. New Mexico, State of. 84/10/22. KNIGHTON, G.W. Licensing Branch 3. 1p. 27274:305. 24X Fiche: 50-528, 84/10/22, 8411020436.

G. Inspection reports, IE Bulletins & correspondence

8411190319 Forwards response to NRC review of IE Bulletin 83-07 re apparently fraudulent products sold by Ray Miller, Inc. Vendor qualification process will be refined & monitoring of suppliers increased.
VAN BRUNT, E.E. Arizona Public Service Co. 84/09/07. BISHOP, T.W. Region 5, Office of Director. 6pp. 27354:174. 24X Fiche: 50-528, 84/09/07, 8411190319.

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411090231 Provides revised schedule date of 841203 for documented qualification of GE century series HFA relays, per 841016 discussion & actions based on IE Bulletin 84-02.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. MARTIN, J.B. Region 5, Office of Director. 1p. 27398:146. 24X Fiche: 50-528, 84/10/29, 8411090231.

8411190090 Forwards Insp Repts 50-528/84-43, 50-529/84-30 & 50-530/84-21 on 840925-1005. No violations or deviations noted.
KIRSCH, D.F. Division of Resident/Reactor Project & Engineering Programs. 84/10/31. VAN BRUNT, E.E. Arizona Public Service Co. 3pp. 27568:062. 24X Fiche: 50-528, 84/10/31, 8411190090.

--8411190094 Insp Repts 50-528/84-43, 50-529/84-30 & 50-530/84-21 on 840924-1005. No violations or deviations noted. Major areas inspected: IE bulletins & implementation of TMI lessons learned actions.
SORENSEN, G.C., WAGNER, W.J., MILLER, L.F. Region 5, Office of Director. 84/10/30. 10pp. 27568:065. 24X Fiche: 50-528, 84/10/31, 8411190090.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411140272 Ack receipt of 840911 & 12 ltrs informing NRC of steps taken to correct violations noted in NRC 840807 & 08 ltrs.
KIRSCH, D.F. Region 5, Office of Director. 84/11/07. VAN BRUNT, E.E. Arizona Public Service Co. 1p. 27469:186. 24X Fiche: 50-528, 84/11/07, 8411140272.

--8411140280 Responds to NRC 840807 ltr re violations noted in 840402-0531 insps. Corrective actions: engineering walkdown of all safety-related HVAC instruments to assure correct installation performed.
VAN BRUNT, E.E. Arizona Public Service Co. 84/09/12. BISHOP, T.W. Region 5, Office of Director. 36pp. 27469:187. 24X Fiche: 50-528, 84/11/07, 8411140272.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411140165 Ack receipt of 841019 ltr informing NRC of steps taken to correct violations noted in 840922 ltr.
KIRSCH, D.F. Region 5, Office of Director. 84/11/08. VAN BRUNT, E.E. Arizona Public Service Co. 1p. 27464:190. 24X Fiche: 50-528, 84/11/08, 8411140165.

8411200169 Requests extension until end of Feb 1985 to respond to IE Bulletin 84-03, "Refueling Cavity Water Seal" due to plan to participate in INPD meeting & opportunity to determine most viable long term solution to issue.
VAN BRUNT, E.E. Arizona Public Service Co. 84/11/14. MARTIN, Region 5, Office of Director. 1p. 27577:320. 24X Fiche: 50-528, 84/11/14, 8411200169.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411260242 Requests that quality of Bahnsen HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnsen equipment.
GRACE, J.N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T.E. Region 1, Office of Director. 3pp. 27613:311. 24X Fiche: 50-000, 84/11/19, 8411260242.

S. Reportable occurrences, LERS & related correspondence

8409280486 Final Deficiency Rept DER 83-57 re cracks in C-E supplied control element assembly shroud. Mods made to control element assembly guide & shroud lateral supports.
VAN BRUNT, E.E. Arizona Public Service Co. 84/09/14. BISHOP, T.W. Division of Resident/Reactor Project & Engineering Programs. 12pp. 27400:352. 24X Fiche: 50-528, 84/09/14, 8409280486.

8411160051 Interim Deficiency Rept DER 84-69 re reactor protection sys shunt trip contacts. Initially reported on 840829. Due to extensive investigation & evaluation required, next rept will be submitted by 841109.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/23. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:115. 24X Fiche: 50-528, 84/10/23, 8411160051.

8411160546 Interim Deficiency Rept DER 84-63 re safety injection tank vent valve not closing during testing. Initially reported on 840831. Due to extensive investigation & evaluation, next rept delayed until 841108.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/23. BISHOP, T.W. Region 5, Office of Director. 2pp. 27545:128. 24X Fiche: 50-528, 84/10/23, 8411160546.

8411160081 Interim Deficiency Rept DER 84-44 re fatigue failure of charging pumps. Initially reported on 840706. Due to extensive investigation & evaluation required, next rept will be submitted by 841116.
VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:235. 24X Fiche: 50-528, 84/10/25, 8411160081.

DOCKETED ITEMS

333

8411160090 Interim Deficiency Rept DER 84-73 re logarithmic circuit cards in excore sys. Initially reported on 840925. Bechtel studying problem to determine reworkability. Due to extensive investigation, next rept will be submitted on 841115. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 3pp. 27543:190. 24X Fiche: 50-528, 84/10/25, 8411160090.

8411160096 Interim Deficiency Rept DER 83-73 re unqualified Foxboro power supplies installed in IE instrument cabinets. Initially reported on 831027. Final rept delayed until 841114. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:207. 24X Fiche: 50-528, 84/10/25, 8411160096.

8411160124 Interim Deficiency Rept DER 84-72 re HP51 pump miniflow isolation valve. Initially reported on 840925. Bechtel & C-E evaluating condition to determine cause. Due to extensive investigation, next rept will be submitted by 841115. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 3pp. 27544:324. 24X Fiche: 50-528, 84/10/25, 8411160124.

8411160142 Interim Deficiency Rept DER 84-36 re safety injection valve stalling just off closing seat when opening or closing. Initially reported on 840517. Due to extensive investigations & evaluation, next rept will be submitted by 841123. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:303. 24X Fiche: 50-528, 84/10/25, 8411160142.

8411160215 Interim Deficiency Rept DER 84-27 re improperly handled instrumentation from Waldinger. Initially reported on 840510. Due to extensive investigation & evaluation, final rept delayed until 841113. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27546:029. 24X Fiche: 50-528, 84/10/25, 8411160215.

8411160431 Part 21 & Final Deficiency Rept DER 84-50 re MSIV not closing within 5 s as required. Initially reported on 840724. Nitrogen precharge pressure temp curve revised & incorporated into Anchor/Darling instruction manual. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 6pp. 27545:227. 24X Fiche: 50-528, 84/10/25, 8411160431.

8411160538 Interim Deficiency Rept DER 84-65 re split instrument leads removed from UGS. Initially reported on 840904. Due to extensive investigation & evaluation, next rept delayed until 841115. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/25. BISHOP, T.W. Region 5, Office of Director. 2pp. 27545:130. 24X Fiche: 50-528, 84/10/25, 8411160538.

8411160419 Provides addl info on evaluation & corrective action re excessive setpoint drift in some potentiometers in auxiliary feedwater actuation sys cabinet at St Lucie Unit 2 & plant protection sys cabinets at Palo Verde. SCHERER, A.E. Combustion Engineering, Inc. 84/10/26. BAER, R.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 2pp. 24X Fiche: 50-000, 84/10/26, 8411160419.

8411160049 Final Deficiency Rept DER 84-85 re evaluation of radiological consequences of control element assembly ejection accident. Initially reported on 841016. Item determined not reportable under 10CFR50.55(e). VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:166. 24X Fiche: 50-528, 84/10/26, 8411160049.

8411160061 Final Deficiency Rept DER 84-84 re MSIV closure interface requirements. Initially reported on 840928. Item determined not reportable under 10CFR50.55(e). Documentation of evaluation will be maintained in util files. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:122. 24X Fiche: 50-528, 84/10/26, 8411160061.

8411160070 Interim Deficiency Rept DER 84-21 re Rosemount transmitters not torqued to specified value. Initially reported on 840431. Due to extensive investigation/evaluation required, final rept will be delayed until 841113. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Region 5, Office of Director. 2pp. 27544:001. 24X Fiche: 50-528, 84/10/26, 8411160070.

8411160426 Final Deficiency Rept DER 84-34 re critical friction-type, high-strength connectors. Initially reported on 840517. Insp walkdown conducted for 32 connections. Incompletely tightened safety injection tank keyway bolts will be reworked. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/26. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 6pp. 27545:237. 24X Fiche: 50-528, 84/10/26, 8411160426.

8411160084 Interim Deficiency Rept DER 84-67 re defective Target Rock solenoid valves. Initially reported on 840907. Due to extensive investigation & evaluation, final rept delayed until 841114. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27544:253. 24X Fiche: 50-528, 84/10/29, 8411160084.

8411160107 Interim Deficiency Rept DER 84-58 re failure of auxiliary feedwater sys solenoid valve to open in response to auxiliary feedwater actuating sys signal. Initially reported on 840808. Final rept delayed until 841113. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27544:291. 24X Fiche: 50-528, 84/10/29, 8411160107.

8411160133 Interim Deficiency Rept DER 84-68 re defective essential chiller temp switch. Initially reported on 840910. Due to extensive investigation & evaluation, final rept delayed until 841115. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27544:305. 24X Fiche: 50-528, 84/10/29, 8411160133.

8411160148 Interim Deficiency Rept DER 84-60 re improper lubricant used in limit torque valve operators. Initially reported on 840827. Due to extensive investigation, final rept delayed until 841113. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27545:343. 24X Fiche: 50-528, 84/10/29, 8411160148.

8411160195 Interim Deficiency Rept DER 84-64 re pipe support not cycling through entire stroke. Initially reported on 840904. Due to extensive investigation & evaluation, final rept delayed until 841115. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/29. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27546:011. 24X Fiche: 50-528, 84/10/29, 8411160195.

8411160228 Interim Deficiency Rept DER 84-56 re fire dampers closing inconsistently. Initially reported on 840822. Due to extensive evaluation, final rept delayed until 841116. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27546:035. 24X Fiche: 50-528, 84/10/30, 8411160228.

8411160357 Interim Deficiency Rept DER 84-25 re containment supply registers failing to cycle. Initially reported on 840501. Due to extensive evaluation, final rept delayed until 841114. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27545:213. 24X Fiche: 50-528, 84/10/30, 8411160357.

8411160365 Interim Deficiency Rept DER 84-06 re possible defects in absolute & deviation alarm modules supplied by Foxboro. Initially reported on 840216. Due to extensive evaluation, final rept delayed until 841116. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27545:261. 24X Fiche: 50-528, 84/10/30, 8411160365.

8411160429 Interim Deficiency Rept DER 84-62 re load sequencer not functioning properly during safeguards testing. Initially reported on 840815. Due to extensive evaluation, next rept delayed until 841114. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27545:235. 24X Fiche: 50-528, 84/10/30, 8411160429.

8411160434 Interim Deficiency Rept DER 84-54 re containment sump isolation valve. Initially reported on 840817. Due to extensive evaluation, next rept delayed until 841115. VAN BRUNT, E.E. Arizona Public Service Co. 84/10/30. BISHOP, T.W. Division of Resident, Reactor Project & Engineering Programs. 2pp. 27545:233. 24X Fiche: 50-528, 84/10/30, 8411160434.

8411190598 Final Deficiency Rept DER 84-37 & Part 21 rept re unqualified sealant in Waldinger Corp essential HVAC ductwork. Initially reported on 840510. All sealants removed. VAN BRUNT, E.E. Arizona Public Service Co. 84/11/02. BISHOP, T.W. Region 5, Office of Director. 6pp. 27567:182. 24X Fiche: 50-528, 84/11/02, 8411190598.

8411200057 Final Deficiency Rept DER 84-77 & Part 21 rept re potential leakage path in seal of threads between sensor module & electronic housing in Rosemount transmitters. Defective transmitters will be returned to vendor. VAN BRUNT, E.E. Arizona Public Service Co. 84/11/02. BISHOP, T.W. Region 5, Office of Director. 13pp. 27585:120. 24X Fiche: 50-528, 84/11/02, 8411200057.

DOCKETED ITEMS

8411200249 Interim Deficiency Rept DER 84-53 re bonnet & diaphragm nuts & bolts found loose on PC & CH valves. Initially reported on 840817. Due to extensive evaluation, next rept delayed until 841116.
VAN BRUNT, E. E. Arizona Public Service Co. 84/11/02. BISHOP, T. W. Region 5, Office of Director. 2pp. 27585:047. 24X Fiche: 50-528, 84/11/02, 8411200249.

8411210327 Final Deficiency Rept DER 84-73 & Part 21 rept re logarithmic circuit cards in ex-core sys. Initially reported on 840925. Deficient test cards replaced for Channels A, B & C through final disposition of SFR 15E191/NRC SM-4859.
VAN BRUNT, E. E. Arizona Public Service Co. 84/11/05. BISHOP, T. W. Region 5, Office of Director. 5pp. 27617:098. 24X Fiche: 50-528, 84/11/05, 8411210327.

8411210453 Interim Deficiency Rept DER 84-55 re unqualified Foxboro modules. Initially reported on 840817. Due to extensive evaluation, next rept delayed until 841116.
VAN BRUNT, E. E. Arizona Public Service Co. 84/11/05. BISHOP, T. W. Region 5, Office of Director. 2pp. 27607:095. 24X Fiche: 50-528, 84/11/05, 8411210453.

8411260520 Final Deficiency Rept DER 84-21 re Rosemount transmitters not torqued to specified value. Initially reported on 840430. Units 1 & 2 mounting hardware replaced to conform w/mat'l & installation requirements.
VAN BRUNT, E. E. Arizona Public Service Co. 84/11/05. BISHOP, T. W. Region 5, Office of Director. 5pp. 27644:310. 24X Fiche: 50-528, 84/11/05, 8411260520.

841190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T. D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X Fiche: 50-000, 84/11/06, 841190524.

8411260495 Interim Deficiency Rept DER 84-63 re SIT valve not closing during testing. Initially reported on 840831. Investigation continuing. Final rept delayed until 841116.
VAN BRUNT, E. E. Arizona Public Service Co. 84/11/06. BISHOP, T. W. Region 5, Office of Director. 2pp. 27645:162. 24X Fiche: 50-528, 84/11/06, 8411260495.

DOCKET 50-537 CLINCH RIVER BREEDER REACTOR

A. Application/construction stage documents & correspondence

8411140278 Clarifies & reaffirms util commitments re redress of site in accordance w/util 840305 final site redress plan & NRC 840606 approval of plan.
WILLIS, W. F. Tennessee Valley Authority. 84/11/07. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27469:027. 24X Fiche: 50-537, 84/11/07, 8411140278.

G. Adjudicatory correspondence

8411010349 Response to applicant 841019 motion to dismiss proceeding. Motion acceptable subj. to conditions set forth in redress plan & NRC 840606 ltr. Certificate of Svc encl.
FINAMORE, B. A. Natural Resources Defense Council. FINAMORE, B. A. Sierra Club. #484 842. 84/10/30. Atomic Safety and Licensing Board Panel. 6pp. 27229:295. 24X Fiche: 50-537, 84/10/30, 8411010349.

8411090275 Reaffirms commitments to redress site in accordance w/ 840305 final site redress plan & NRC 840606 approval ltr. Related correspondence.
AHREND, S. W. Energy, Dept. of. #484 029. 84/11/06. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27399:202. 24X Fiche: 50-537, 84/11/06, 8411090275.

8411140354 Response to motion to dismiss proceeding re revocation of LMA. Authorization of revocation of LMA & that proceedings be dismissed w/o prejudice recommended. Certificate of Svc encl.
TURK, S. E. Energy, Dept. of. Clinch River Breeder Reactor Plant. #484 111. 84/11/08. Atomic Safety and Licensing Board Panel. 8pp. 27469:120. 24X Fiche: 50-537, 84/11/08, 8411140354.

DOCKET STN-50-546 MARBLE HILL NUCLEAR STATION, UNIT 1

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

S. Reportable occurrences, LERs & related correspondence

8411190559 PNO-III-84-095; on 841114, licensee announced intentions to retain site & transmission facilities in attempt to salvage equipment from facility. Current site staff will be maintained for security & maint of nuclear grade equipment.
FORNEY, W., WARNICK, R. Region 3, Office of Director. 84/11/15. 1p. 27549:272. 24X Fiche: 50-546, 84/11/15, 8411190559.

DOCKET STN-50-547 MARBLE HILL NUCLEAR STATION, UNIT 2

G. Inspection reports, IE Bulletins & correspondence

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

DOCKETED ITEMS

335

841150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche:50-000, 84/11/19, 841150054.

S. Reportable occurrences, LERs & related correspondence

841190559 PNO-III-84-095: on 841114, licensee announced intentions to retain site & transmission facilities in attempt to salvage equipment from facility. Current site staff will be maintained for security & maint of nuclear grade equipment.
FORNEY, W., WARNICK, R. Region 3, Office of Director. 84/11/15. 1p. 27549:272. 24X Fiche:50-546, 84/11/15, 841190559.

DOCKET STN-50-566 YELLOW CREEK NUCLEAR PLANT, UNIT 1

G. Adjudicatory correspondence

8410260024 Advises that time for Commission to review ALAB-783 expired. Commission declined review. Decision became final agency action on 841022. Served on 841025.
CHILK, S. J. Office of the Secretary of the Commission. #484 738. 84/10/25. Atomic Safety and Licensing Board Panel. 1p. 27153:349. 24X Fiche:50-000, 84/10/25, 8410260024.

DOCKET STN-50-567 YELLOW CREEK NUCLEAR PLANT, UNIT 2

G. Adjudicatory correspondence

8410260024 Advises that time for Commission to review ALAB-783 expired. Commission declined review. Decision became final agency action on 841022. Served on 841025.
CHILK, S. J. Office of the Secretary of the Commission. #484 738. 84/10/25. Atomic Safety and Licensing Board Panel. 1p. 27153:349. 24X Fiche:50-000, 84/10/25, 8410260024.

DOCKET 50-601 RESAR SP/90

A. Application/construction stage documents & correspondence

8411260221 Notification of 841116 meeting w/Westinghouse in Bethesda, MD to discuss NRC review schedule for PRA that will be submitted as part of Westinghouse RESAR SP-90 preliminary design approval application.
MORLETTE, P. R. Standardization & Special Projects Branch. 84/11/14. THOMAS, C. D. Standardization & Special Projects Branch. 3pp. 27647:001. 24X Fiche:50-601, 84/11/14, 8411260221.

DOMESTIC LICENSING OF SPECIAL NUCLEAR MATERIAL

DOCKET 70-0008 BATTELLE MEMORIAL INSTITUTE, COLUMBUS, OH

8411280271 Raises no further questions re demonstration program for low level radwaste incineration, based on 840928 response to request for addl info. No change in overall review schedule anticipated.
ROUSE, L. C. Advanced Fuel & Spent Fuel Licensing Branch. 84/11/15. TOY, H. L. Battelle Memorial Institute, Columbus Laboratories. 1p. 27675:339.

DOCKET 70-0027 BABCOCK & WILCOX CO., LYNCHBURG, VA

841130536 Notifies of rev to fundamental nuclear matls control plan, Section IV to License SNM-42. Rev deletes annual plant shutdown physical inventory. Annual plant shutdown inventory can be discontinued w/o distracting from matl control.
REGAN, N. A. Babcock & Wilcox Co. 84/10/10. MCALPINE, E. J. Region 2, Office of Director. 1p. 27471:357.

8411160009 Forwards Insp Rept 70-0027/84-18 on 840924-28. No violations or deviations noted.
STOHR, J. P. Region 2, Office of Director. 84/10/17. ECKERT, J. P. Babcock & Wilcox Co. 2pp. 27544:177.

--8411160011 Insp Rept 70-0027/84-18 on 840924-28. No violations noted. Major areas inspected: security organization, mgt/personnel/ response, records & repts & testing maint. Details withheld (ref 10CFR95).
ENNIS, J. D., MCGUIRE, D. R. Region 2, Office of Director. 84/10/16. 1p. 27544:179.

8411080269 Grants 840831 request for exemption from requirements of 10CFR70.54 for preparing & distributing nuclear matl transaction reft for empty & cleaned stainless steel cans. License Condition 6, B revised.
BROWN, W. B. Fuel Facility Safeguards Licensing Branch. 84/10/22. REGAN, N. A. Babcock & Wilcox Co. 1p. 27405:357.

8411140022 Forwards changes to physical security plan. Encl withheld (ref 10CFR2.790).
REGAN, N. A. Babcock & Wilcox Co. 84/10/22. O'REILLY, J. P. Region 2, Office of Director. 1p. 27509:344.

8411130741 Ack receipt of 840924 ltr informing NRC of steps taken to correct violations noted in Insp Rept 70-0027/84-17.
STOHR, J. P. Region 2, Office of Director. 84/10/24. ECKERT, J. P. Babcock & Wilcox Co. 1p. 27461:256.

--841130743 Responds to NRC 840830 ltr re violations noted in Insp Rept 70-0027/84-17. Corrective actions: procedure re immersion of poison fixture into tank of still water & performing bubble test will be revised by 840930.
ECKERT, J. P. Babcock & Wilcox Co. 84/09/24. O'REILLY, J. P. Region 2, Office of Director. 3pp. 27461:257.

8411290049 Forwards revised 10CFR11, simplifying administration of matl access authorization program. Implementation of changes by issuing ltrs to affected licensees expected.
BROWN, W. B. Fuel Facility Safeguards Licensing Branch. 84/11/09. REGAN, N. A. Babcock & Wilcox Co. 13pp. 27700:286.

DOCKET 70-0036 COMBUSTION ENGINEERING, INC., WINDSOR, CT

8411270067 Notification of contract execution, Mod 2, to "EIA re C-E SNM License SNM-33 Renewal Action." Contractor: Science Applications, Inc.
SILVIS, R. M. Division of Contracts. FIN B-7335-01. 84/11/15. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. LOYSEN, P. NRC - No Detailed Affiliation Given. 1p. 27673:355.

--8411270082 Mod 2, incorporating overhead rates & deobligating funds, to "EIA re C-E SNM License SNM-33 Renewal Action."
MARSHALL, W. R. Science Applications, Inc. THOMPSON, R. D. Division of Contracts. FIN B-7335-01. 84/11/15. 2pp. 27673:356.

DOCKET 70-0084 IOWA STATE UNIV., AMES, IA

8411090043 Insp Findings & Licensee Ack on 841031 of Licenses SUD-591, SNM-74, 14-00019-06 & 14-00019-08. Insp findings: records of surveys performed prior to waste disposal not properly maintained for License 14-00019-06.
GIBBONS, D. R. Region 3, Office of Director. 84/10/31. 1p. 27398:306.

DOCKET 70-0113 PENNSYLVANIA STATE UNIV., UNIVERSITY PARK, PA

8411010593 Notifies of issuance of amend to License SNM-95, adding Beaver Campus as location for storage & use of 5 Ci Pu-Be source. SER supporting amend encl.
PAOE, R. O. Uranium Fuel Licensing Branch. 84/10/24. CUNNINGHAM, R. G. Pennsylvania State Univ., University Park, PA. 3pp. 27251:255.

--8411010598 SER supporting amend to License SNM-95. No environ assessment or environ statement warranted.
PAOE, R. O. Uranium Fuel Licensing Branch. 84/10/24. 1p. 27251:258.

DOCKET 70-0135 BABCOCK & WILCOX CO., APOLLO, PA

8411050464 Forwards Insp Repts 70-0135/84-04 & 70-0364/84-02 on 840904-07. No violations noted.
WENZINGER, E. C. Division of Project & Resident Programs. 84/10/30. COLEMAN, W. L. Babcock & Wilcox Co. 2pp. 27297:312.

--8411050469 Insp Repts 70-0135/84-04 & 70-0364/84-02 on 840904-07. No violations noted. Major areas inspected: organization, facility changes & mods, reviews & audits, safety committees, review of operations, criticality safety & emergency drills.
ROTH, J. Region 1, Office of Director. MCCABE, E. C. Division of Project & Resident Programs. 84/10/24. 8pp. 27297:314.

DOCKETED ITEMS

8411130471 Discusses items of interest, including ASLP 841019 memorandum & order ruling on admissibility of remaining contentions raised by Kerr-McGee & State of IL re decommissioning of facility.
PAGE, R.G. Uranium Fuel Licensing Branch. 84/11/01. DAVIS, J.G. Office of Nuclear Material Safety & Safeguards, Director. 1p. 27472:015.

8411290674 Forwards application for amend to License SNM-124. Application withheld (ref 10CFR2.790(d) & 9.5(a)(4)). Fee paid.
HENSLEY, K.D. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 84/11/02. BROWN, W.R. Fuel Facility Safeguards Licensing Branch. 1p. 27729:171.

8411280367 Forwards revised 10CFR11, simplifying administration of matl access authorization program. Review requested.
BROWN, W.B. Fuel Facility Safeguards Licensing Branch. 84/11/09. CLARK, J.R. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 13pp. 27675:326.

DOCKET 70-0364 BABCOCK & WILCOX CO., APOLLO, PA

841120037 Application for amend to License SNM-414, revising Conditions 6, H. 5, 7, H. 5, 8, H. 5, 10 & 11 to authorize receipt & storage of low level radwaste to facilitate future operation of vol reduction svcs.
AUSTIN, M.A. Babcock & Wilcox Co. 84/10/23. MCCABE, E.C. Region 1, Office of Director. 2pp. 27440:354.

8411050464 Forwards Insp Repts 70-0135/84-04 & 70-0364/84-02 on 840904-07. No violations noted.
WENZINGER, E.C. Division of Project & Resident Programs. 84/10/30. COLEMAN, W.L. Babcock & Wilcox Co. 2pp. 27297:312.

--8411050469 Insp Repts 70-0135/84-04 & 70-0364/84-02 on 840904-07. No violations noted. Major areas inspected: organization, facility changes & mods, reviews & audits, safety committees, review of operations, criticality safety & emergency drills.
ROTH, J. Region 1, Office of Director. MCCABE, E.C. Division of Project & Resident Programs. 84/10/24. Bpp. 27297:314.

8411190108 Application for amend to License SNM-414, revising Conditions 6, H. 5, 7, H. 5 & 8, H. 5 to authorize byproduct matl in form of contaminated vol reduction svcs waste in amount of 500 Ci. License spec pages encl. Fee paid.
AUSTIN, M.A. Babcock & Wilcox Co. 84/10/31. MCCABE, E.C. Region 1, Office of Director. 7pp. 27568:261.

--8411190111 "Environ Analysis, Vol Reduction Svcs Facility."
* Babcock & Wilcox Co. 84/10/31. 92pp. 27568:268.

DOCKET 70-0371 UNC NAVAL PRODUCTS, INC., UNCASVILLE, CT

8411030383 Returns 841002 application for amend to License SNM-368 due to improper classification. Amend should be in form of revised pages to license condition section of application. Processing will be scheduled upon receipt of suppl.
BIDINGER, G.H. Uranium Fuel Licensing Branch. 84/10/23. KIRK, W. United Nuclear Corp. (subs. of UNC Resources, Inc.). 1p. 27289:352.

8411080384 Responds to 840925 request for extension to rept 840730 organizational changes. Unnumbered license condition added to Safeguards Amend MPP-1 to License SNM-368, extending time to submit rept until 841031.
BROWN, W.B. Fuel Facility Safeguards Licensing Branch. 84/10/23. AMY, G.O. United Nuclear Corp. (subs. of UNC Resources, Inc.). 1p. 27405:347.

8411080518 Advises that 840827 request for extension of time to comply w/requirement of current License Condition 7.3 of License SNM-368 no longer applicable. Intent of License Condition 7.3 will be discussed at site visit during wk of 841112.
BROWN, W.B. Fuel Facility Safeguards Licensing Branch. 84/10/23. COLLOPY, T.J. United Nuclear Corp. (subs. of UNC Resources, Inc.). 1p. 27408:294.

8411070186 Forwards revised Amend MPP-1 to License SNM-398, permitting use of uncleaned guards in towers & on patrols outside protected area until 850131.
BROWN, W.B. Fuel Facility Safeguards Licensing Branch. 84/10/26. GIOLIOTTI, R.J. United Nuclear Corp. (subs. of UNC Resources, Inc.). 2pp. 27388:301.

DOCKET 70-0143 NUCLEAR FUEL SERVICES, INC., ERWIN, TN

8411080240 "Groundwater Monitoring Results," from Well 14 on 840724. W/841029 ltr.
GUINN, F.K. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 84/07/24. 4pp. 27525:175.

8411130250 Application for amend to License SNM-124 re organizational changes affecting Section 200. Fee paid.
IDEKER, R.L. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 84/10/01. PAGE, R.G. Uranium Fuel Licensing Branch. 15pp. 27480:100.

8411010110 Comments on target release criteria & radiation monitoring sections of railway property decontamination plan forwarded by 840907 ltr. Projected completion date acceptable.
* Region 2, Office of Director. 84/10/02. GUINN, F.K. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 2pp. 27250:084.

8411010131 Informs of need for more descriptive text to support preliminary engineering drawings. Details re safeguards devices used in conjunction with pipes & ducts should be provided to security & engineering depts.
STOHR, J.P. Region 2, Office of Director. 84/10/02. GUINN, F.K. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 1p. 27250:083.

8411150142 Forwards Rev 14 to physical safeguards plan, including reorganizational changes. Rept withheld.
JOHNSON, S.C. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 84/10/18. O'REILLY, J.P. Region 2, Office of Director. 1p. 27530:362.

8411090486 Discusses Amend 29 to License SNM-124, raising quantity of solids allowed in scrubbers but maintaining same limits for concentration of matl in scrubber solutions. Controls also established on 200 Complex ductwork.
BIDINGER, G.H. Uranium Fuel Licensing Branch. 84/10/19. CROW, W.T. NRC - No Detailed Affiliation Given. 1p. 27424:306.

8411130222 Forwards preliminary rept summarizing investigation findings & corrective action plan re accumulation of U-bearing solids in 200 Complex process ventilation sys. Rept withheld (ref 10CFR2.790(d)).
GUINN, F.K. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 84/10/23. Region 2, Office of Director. 1p. 27530:309.

8411150319 Forwards incident rept re buildup of U-bearing solids in scrubber sys at 200 Complex. Rept withheld (ref 10CFR2.790).
GUINN, F.K. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 84/10/23. PAGE, R.G. Uranium Fuel Licensing Branch. 1p. 27530:281.

8411010565 Forwards revised environ review schedule for license renewal. Site visit postponed until 841114-15.
WYNGARDEN, S.D. Uranium Fuel Licensing Branch. 84/10/24. MCLEAN, R. Oak Ridge National Laboratory. 2pp. 27265:357.

8411150154 Forwards "Radioactive Matl Incinerator Ventilation Duct Fire of 840613," final summary rept.
GUINN, F.K. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 84/10/25. Region 2, Office of Director. 2pp. 27530:354.

--8411150158 "Radioactive Matl Incinerator Ventilation Duct Fire of 840613," final summary rept.
* Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 84/10/25. 4pp. 27530:356.

8411150170 Confirms 841024 telcon re 841029 enforcement conference in Atlanta, GA to discuss remedial actions on buildup of SNM in ventilation sys.
STOHR, J.P. Region 2, Office of Director. 84/10/25. GUINN, F.K. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 2pp. 27529:348.

8411210256 Responds to violations noted in Insp Rept 70-0143/84-30. Corrective actions: functional organization will not be changed until approved by license amend.
GUINN, F.K. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 84/10/30. STOHR, J.P. Region 2, Office of Director. 4pp. 27617:294.

8411280580 Forwards Rev 4 to safeguards contingency plan. Rev withheld.
CLARK, J.R. Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.). 84/10/30. BROWN, W.B. Division of Safeguards. 3pp. 27682:065.

DOCKETED ITEMS

337

8411200442 Forwards highlights of regulatory effectiveness review observations made during 840920 meeting in Silver Spring, MD, in response to 840921 ltr. Encl to 840821 ltr withheld from public disclosure.
BROWN, W.B. Fuel Facility Safeguards Licensing Branch. 84/10/30.
AMY, G.D. United Nuclear Corp. (subs. of UNC Resources, Inc.). 1p. 27598:217.

8411200546 Responds to 840216 ltr re proposed changes to physical protection plan per 10CFR70.34. Changes unacceptable as written. Encl outlines further clarification required. Encl withheld.
BROWN, W.B. Fuel Facility Safeguards Licensing Branch. 84/10/31.
GIGLIOTTI, R.J. United Nuclear Corp. (subs. of UNC Resources, Inc.). 1p. 27598:071.

8411280558 Forwards revised 10CFR11, simplifying administration of matl access authorization program. Changes will be implemented by issuing ltrs to affected licensees.
BROWN, W.B. Fuel Facility Safeguards Licensing Branch. 84/11/09.
GIGLIOTTI, R.J. United Nuclear Corp. (subs. of UNC Resources, Inc.). 13pp. 27682:077.

DOCKET 70-0398 COMMERCE, DEPT. OF, WASHINGTON, DC

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 36pp. 27605:338.
24X Fiche: 50-000, 84/11/02, 8411210079.

DOCKET 70-0687 UNION CARBIDE CORP., TUXEDO, NY

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1.
MURLEY, T.E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 36pp. 27605:338.
24X Fiche: 50-000, 84/11/02, 8411210079.

DOCKET 70-0734 GA TECHNOLOGIES, INC., SAN DIEGO, CA

8411060154 Forwards IE 841015 acceptance ltr of GA emergency plan. NMSS should allow GA 120 days to fully implement plan.
TERRY, G.A. Uranium Fuel Licensing Branch. 84/10/26. CROW, W.T. Uranium Fuel Licensing Branch. 1p. 27329:362.

8411060163 Approves revised radiological contingency plan dtd May 1984. Full implementation of plan should be accomplished within 120 days of ltr date.
THOMAS, C.D. Standardization & Special Projects Branch. 84/10/15.
MOWRY, W.R. GA Technologies, Inc./General Atomic Co. 1p. 27329:363.

8411290399 Forwards revised 10CFR11 criteria & procedures for determining eligibility for access to or control over SNM simplifying administration of matl access authorization program. Implementation expected shortly.
BROWN, W.B. Fuel Facility Safeguards Licensing Branch. 84/11/14.
MOWRY, W.R. GA Technologies, Inc./General Atomic Co. 13pp. 27698:331.

DOCKET 70-0754 GENERAL ELECTRIC CO., PLEASANTON, CA

8411270322 Response to ASLB 840820 order to address factors of non-timely petition to intervene.
BARLOW, G. Public Interest Research Group, California. #484 287. 84/09/07. Atomic Safety and Licensing Board Panel. 12pp. 27630:177. 24X Fiche: 50-070, 84/09/07, 8411270322.

8411270325 Response to applicant collateral estoppel arguments. Certificate of Svc encl.
BARLOW, G. Public Interest Research Group, California. #484 287. 84/11/01. Atomic Safety and Licensing Board Panel. 16pp. 27630:189. 24X Fiche: 50-070, 84/09/07, 8411270322.

8411010071 Forwards sanitized version of approved spent nuclear fuel route in response to 840815 request. Encl info should be incorporated into shipment plan.
SHERR, T.S. Material Transfer Safeguards Licensing Branch. 84/10/22.
KIRKLAND, M.W. General Electric Co. 7pp. 27266:343.

8411130180 Forwards Insp Rept 70-0754/84-02 on 840829-0906 & 21. No violations noted.
WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/23.
DARMITZEL, R.W. General Electric Co. 2pp. 27459:285.

8411130187 Insp Rept 70-0754/84-02 on 840829-0906. No violations noted. Major areas inspected: organization, facility changes & mods, internal review & audit, safety committee, operations review, criticality safety & radiation protection.
BROCK, B.L., THOMAS, R.D., WENSLAWSKI, F.A. Region 5, Office of Director. 84/10/23. 7pp. 27459:287.

8411060437 Responds to applicant collateral estoppel arguments based on required exam of substantive issues not yet explained by parties & significant controversies within show cause record. Certificate of Svc encl.
* Public Interest Research Group, California. #484 946. 84/11/01. 16pp. 27319:261. 24X Fiche: 50-070, 84/11/01, 8411060437.

DOCKET 70-0801 OHIO STATE UNIV., COLUMBUS, OH

8411060240 Forwards Safeguards Insp Repts 50-150/84-03, 70-0801/84-01 & 70-3005/84-01 on 841010-12. No noncompliance noted.
AXELSON, W.L. Region 3, Office of Director. 84/10/31. ST PIERRE, R.L. Ohio State Univ., Columbus, OH. 2pp. 27324:143. 24X Fiche: 50-150, 84/10/31, 8411060240.

8411060279 Safeguards Insp Repts 50-150/84-03, 70-0801/84-01 & 70-3005/84-01 on 841010-12. No noncompliance noted. Major areas inspected: nuclear matl control & accountability. Details withheld (ref 10CFR2.790).
MADEDA, T.J., CREED, J.R. Region 3, Office of Director. 84/10/31. 1p. 27324:145. 24X Fiche: 50-150, 84/10/31, 8411060240.

DOCKET 70-0820 UNITED NUCLEAR CORP., WOOD RIVER JUNCTION, RI

8411210228 Notification of contract execution, Mod 6, to "Environ Assessment of Groundwater Contamination in Wood River, RI." Contractor: DL Warner, Inc.
HOYLE, A. Purchasing Section. FIN B-6993-2. 84/10/11. BROWN, R.S. Program Support Branch. SHUM, E. NRC - No Detailed Affiliation Given. 1p. 27617:332.

8411210236 Mod 6, extending period of performance to 850930, to "Environ Assessment of Groundwater Contamination in Wood River, RI." WARNER, D.L. Don L. Warner, Inc. NEWTON, J.H. Division of Contracts. FIN B-6993-2. 84/10/11. 1p. 27617:333.

8411260322 Forwards Insp Rept 70-0820/84-03 on 841017. No violation noted.
WENZINGER, E.C. Division of Project & Resident Programs. 84/11/16.
AMY, G.D. United Nuclear Corp. (subs. of UNC Resources, Inc.). 2pp. 27613:015.

8411260329 Insp Rept 70-0820/84-03 on 841017. No violation noted. Major areas inspected: areas requiring resurvey by Oak Ridge Associated Univ personnel & preliminary survey results.
ROTH, J. Region 1, Office of Director. MCCABE, E.C. Division of Project & Resident Programs. 84/11/15. 5pp. 27613:017.

DOCKET 70-0824 BABCOCK & WILCOX CO., LYNCHBURG, VA

8411130561 Forwards Insp Rept 70-0824/84-04 on 840910-14. No violations or deviations noted.
STOHR, J.P. Region 2, Office of Director. 84/10/02. ENGELDER, T.C. Babcock & Wilcox Co. 1p. 27461:269.

8411130635 Insp Rept 70-0824/84-04 on 840910-14. No violations or deviations noted. Major areas inspected: training, procedures control, maint, nuclear criticality safety, operations review & independent effort.
KAHLE, J.B., MCALPINE, E.J. Region 2, Office of Director. 84/09/25. 4pp. 27461:270.

8411130321 Amended application for amend to License SNM-778, correcting definition of restricted area.
OLSEN, A.F. Babcock & Wilcox Co. 84/10/03. PAGE, R.G. Uranium Fuel Licensing Branch. 6pp. 27463:299.

8411160623 Advises of issuance of Amend 7 to License SNM-778, authorizing revised definition of restricted area & adding date of 841003 to Item 9. Safety evaluation encl.
PAGE, R.G. Uranium Fuel Licensing Branch. 84/11/06. OLSEN, A.F. Babcock & Wilcox Co. 1p. 27543:331.

DOCKETED ITEMS

--8411160625 Safety evaluation supporting Amend 7 to License SNM-778, authorizing rev to definition of restricted area & adding date of 841003 to Item 9.
KETZLACH, N. Uranium Fuel Licensing Branch. 84/11/05. 2pp. 27543:332.

DOCKET 70-0870 APPLIED HEALTH PHYSICS, INC., BETHEL PARK, PA

8411130079 Notification of Significant Licensee Meeting 84-104 on 841102 w/Applied Health Physics, Inc in King of Prussia, PA to discuss violations identified during insp by State of PA on 840321 & 29 & Insp 84-01 on 840716.
NICOLOSI, J. Region 1, Office of Director. 84/10/30. Region 1, Office of Director. 2pp. 27481:333.

DOCKET 70-0920 RENSSLAER POLYTECHNIC INSTITUTE, TROY, NY

8411050386 Ack receipt of 840917 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-225/84-01 & 70-0920/84-01.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/30. LAHEY, R. T. Rensselaer Polytechnic Institute, Troy, NY. 2pp. 27298:267. 24X Fiche: 50-225, 84/10/30, 8411050386.

8411260282 Advises that SNM moved from License CX-22 to SNM-910 by paper transfer dtd 841101. SNM shipped to Bettis Lab on 841029, in response to Insp Repts 50-225/84-01 & 70-0920/84-01.
LAHEY, R. T. Rensselaer Polytechnic Institute, Troy, NY. 84/10/30. MARTIN, J. T. Division of Engineering & Technical Programs. 1p. 27614:062. 24X Fiche: 50-225, 84/10/30, 8411260282.

DOCKET 70-1100 COMBUSTION ENGINEERING, INC., WINDSOR, CT

841120022 Revised airborne & liquid effluent release rept for Jan-June 1984.
SHEERAN, R. E. Combustion Engineering, Inc. 84/06/30. Region 1, Office of Director. 1p. 27437:332.

8411010587 Advises that N Ketzlach & J Roth participated in 841015-19 insp of ORNL confirmatory survey of contamination levels of grounds & U bearing sludge buildup in radwaste storage tanks.
PAGE, R. G. Uranium Recovery Field Office. 84/10/25. DAVIS, J. G. Office of Nuclear Material Safety & Safeguards, Director. 1p. 27251:259.

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starosteki at Region 1.
MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

DOCKET 70-1113 GENERAL ELECTRIC CO., WILMINGTON, NC

8411010311 Forwards until 840220 & 0313 ltrs w/encls, per 840907 telcon request Requests confirmation that until will provide site-specific training to inspectors not exceeding 1 h & exams will not be given w/o encls.
STOHR, J. P. Region 2, Office of Director. 84/09/20. VAUGHAN, C. M. General Electric Co. 1p. 27249:318.

8411130454 Forwards request for exemption re limit of error calculations. Fee paid. Encl withheld (ref 10CFR2.790).
VAUGHAN, C. M. General Electric Co. 84/10/12. BROWN, W. B. Office of Nuclear Material Safety & Safeguards, Director. 1p. 27472:025.

8411130428 Application for amend to License SNM-1097, changing name from Wilmington Mfg Dept to Nuclear Fuel Mfg Dept.
VAUGHAN, C. M. General Electric Co. 84/10/17. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27472:029.

8411140449 Application for amend to License SNM-1097, revising License Condition 9 to incorporate encl revised pages of Part I of 840314 application, as amended.
VAUGHAN, C. M. General Electric Co. 84/10/23. CROW, W. T. Uranium Fuel Licensing Branch. 42pp. 27325:018.

8411160007 Withdraws 841004 request for one-time exemption to ship SNM sludge. Transfer of exemption fee to credit 841023 license amend. Rev & application requested.
VAUGHAN, C. M. General Electric Co. 84/10/23. CROW, W. T. Office of Nuclear Material Safety & Safeguards, Director. 1p. 27566:001.

8411210285 Forwards rev to fundamental nuclear matl control plan for Wilmington, NC fuel fabrication facility. Encl withheld (ref 10CFR2.790).
VAUGHAN, C. M. General Electric Co. 84/10/31. O'REILLY, J. P. Region 2, Office of Director. 1p. 27617:283.

DOCKET 70-1151 WESTINGHOUSE ELECTRIC CORP., PITTSBURGH, PA

8411210159 Application for amend to License SNM-1107, changing fundamental nuclear matl control plan, per encl App A. App A withheld (ref 10CFR2.790). Fee paid.
NARDI, A. J. Westinghouse Electric Corp. 84/10/17. BROWN, W. B. Fuel Facility Safeguards Licensing Branch. 1p. 27624:356.

8411080382 Responds to 840919 memo re concerns on renewal of License SNM-1107. Concerns discussed include: bioassay sampling for workers exposed to UF₆ & UO₂F₂ & spec of acceptable method for determining representativeness of air samples.
CROW, W. T. Uranium Fuel Licensing Branch. 84/10/26. BARR, K. P. Region 2, Office of Director. 2pp. 27405:348.

8411200217 Informs of issuance of License Condition 3.4 to Amend SO-1 to License SNM-1107, authorizing determination of quantity of SNM contained in repaired vendor supplied fuel rods in accordance w/App A of 841025 ltr.
BROWN, W. B. Fuel Facility Safeguards Licensing Branch. 84/10/30. SANDERS, C. F. Westinghouse Electric Corp. 1p. 27597:359.

8411200171 Advises of issuance of new License Condition 3.7 to Amend SO-1 to License SNM-1107 re inventory of stored samples.
BROWN, W. B. Fuel Facility Safeguards Licensing Branch. 84/11/01. SANDERS, C. F. Westinghouse Electric Corp. 2pp. 27598:250.

8411280289 Advises that portions of 840901 rev to physical security plan consistent w/provisions of 10CFR70.32(e) & acceptable. Rev & encl withheld (ref 10CFR2.790(d)).
STOHR, J. P. Region 2, Office of Director. 84/11/21. D'AMORE, M. Westinghouse Electric Corp. 2pp. 27660:242.

DOCKET 70-1201 BABCOCK & WILCOX CO., LYNCHBURG, VA

8411130551 Forwards Insp Rept 70-1201/84-06 on 840912-13. No violations or deviations noted.
STOHR, J. P. Region 2, Office of Director. 84/10/01. ALTO, R. A. Babcock & Wilcox Co. 2pp. 27462:101.

--8411130558 Insp Rept 70-1201/84-06 on 840912-13. No violations or deviations noted. Major areas inspected: organization, procedures control, maint, nuclear criticality safety, operations review & independent effort.
KAHLE, J. B. MCALPINE, E. J. Region 2, Office of Director. 84/09/25. 4pp. 27462:103.

8411270074 Forwards "U Contamination of Wet Weather Stream from Commercial Nuclear Fuel Plant Liquid Effluent Discharge." w/one oversize drawing. Aperture card available in PDR.
ZEFF, D. W. Babcock & Wilcox Co. 84/11/01. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 27671:207.

--8411270098 "U Contamination of Wet Weather Stream from Commercial Nuclear Fuel Plant Liquid Effluent Discharge." w/one oversize grid. Aperture card available in PDR.
* Babcock & Wilcox Co. 84/11/01. 9pp. 27671:209.

DOCKET 70-1257 EXXON NUCLEAR CO., INC., RICHLAND, WA

8411130329 Forwards proprietary Rev 15 to XN-12, "Nuclear Matls Safeguards Procedures Description for Fuel Fabrication Plants." Withheld (ref 10CFR2.790).
SCHNEIDER, R. A. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). 84/10/10. MARTIN, J. B. Region 5, Office of Director. 1p. 27480:060.

8411010170 Issues Amend 21 to License SNM-1227, authorizing appointment of individual specified in 841005 application to position of radiological safety supervisor. SER encl.
PAGE, R. G. Uranium Fuel Licensing Branch. 84/10/23. MALODY, C. W. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). 1p. 27271:329.

--8411010179 SER supporting licensee 841005 application to amend License SNM-1227, appointing individual specified in application to position of radiological safety supervisor.
SIDINGER, G. H., CROW, W. T. Uranium Fuel Licensing Branch. 84/10/23. 1p. 27271:330.

DOCKETED ITEMS

339

--8411010189 Discusses categorical exclusion for 841005 application for amend to License SNM-1227, requesting exemption for min qualifications for radiological safety supervisor. Exemption will have no environ impacts. EIS unwarranted.
PAGE, R. G. Uranium Fuel Licensing Branch. 84/10/23. Uranium Fuel Licensing Branch. 1p. 27271:331.

8411210251 Application for amend to License SNM-1227, authorizing storage of all U compounds in fuel storage warehouse. Fee paid.
MALODY, C. W. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). 84/10/23. CROW, W. T. Uranium Fuel Licensing Branch. 4pp. 27617:300.

8411130229 Issues amend to License SNM-1227, authorizing use of fuel storage warehouse for storage of U compounds. W/o stated encl.
PAGE, R. G. Uranium Fuel Licensing Branch. 84/11/01. MALODY, C. W. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). 1p. 27480:115.

--8411130235 Discusses licensee proposal to use warehouse for storage of U compounds. Proposal will have no adverse impact on public health & safety or environ. Approval recommended.
BIDINGER, G. H. Uranium Fuel Licensing Branch. 84/11/01. Uranium Fuel Licensing Branch. 1p. 27480:116.

--8411130241 Notifies that licensee proposal to allow storage of U compounds in fuel storage warehouse exempt from requirement for environ assessment or EIS.
PAGE, R. G. Uranium Fuel Licensing Branch. 84/11/01. Uranium Fuel Licensing Branch. 1p. 27480:117.

8411260184 Forwards Safeguards Insp Rept 70-1237/84-09 on 841022-1101. No noncompliance noted. Rept withheld (ref 10CFR2.790).
MONTGOMERY, J. L. Region 3, Office of Director. 84/11/21. NILSON, R. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). 2pp. 27617:013.

DOCKET 70-1308 GENERAL ELECTRIC CO., SAN JOSE, CA

8411010481 Forwards schedule for series of 109 shipments of irradiated PHR nuclear fuel from Morris Operation in Morris, IL to Wisconsin Electric Power Co at Two Rivers, WI. Encl withheld (ref 10CFR73.21).
SCHMID, S. P. General Electric Co. 84/09/21. HILLMAN, C. R. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 27265:073.

8411290256 Requests that J Borens be removed from mailing list & EL Hollis added. J Borens no longer w/firm.
MILES, B. C. Mayer, Brown & Platt. 84/11/21. NRC - No Detailed Affiliation Given. 1p. 27678:006.

DOCKET 70-1621 DUGUESNE LIGHT CO., PITTSBURGH, PA

8411150058 Forwards Endorsements 70 & 60 to NELIA Policy NF-226 & MAELU Policy MF-87, respectively.
BARNETT, J. E. Conover & Associates, Inc. 84/11/09. DINITZ, I. Office of Nuclear Reactor Regulation, Director. 3pp. 27503:142.

DOCKET 70-1703 EASTMAN KODAK CO., ROCHESTER, NY

8411210079 Requests that repts required by 10CFR73.71 re unaccounted for shipments, suspected thefts, unlawful diversion & radiological sabotage be transmitted to RW Starostecki at Region 1.
MURLEY, T. E. Region 1, Office of Director. 84/11/02. CUNNINGHAM, R. Pennsylvania State Univ., University Park, PA. 36pp. 27605:338. 24X Fiche: 50-000, 84/11/02, 8411210079.

DOCKET 70-1738 PACIFIC GAS & ELECTRIC CO., SAN FRANCISCO, CA

8411150132 Forwards Amend 7 to Indemnity Agreement B-75.
GROVE, P. A. Pacific Gas & Electric Co. 84/11/07. SALTZMAN, J. Assistant Director for State & License Relations. 2pp. 27497:001. 24X Fiche: 50-275, 84/11/07, 8411150132.

DOCKET 70-1739 TRI-STATE MOTOR TRANSIT CO., JOPLIN, MO

8411190532 Forwards Insp Rept 70-1739/84-01 on 841023. No noncompliance noted.
AXELSON, W. L. Region 3, Office of Director. 84/11/15. MAYER, C. H. Tri-State Motor Transit Co. (subs. of Georgia Pacific Corp.). 2pp. 27549:338.

--8411190538 Insp Rept 70-1739/84-01 on 841023. No noncompliance noted. Major areas inspected: natl security info & restricted data. Details withheld (ref 10CFR2.790).
BELANGER, J. L., BURNSIDE, W. O., CREED, J. R. Region 3, Office of Director. 84/11/15. 1p. 27549:360.

DOCKET 70-1941 PASSAIC GENERAL HOSP., PASSAIC, NJ

8411190337 Responds to NRC 841018 ltr re violation noted in insp of Licenses 29-01040-03 & SNM-1923. Corrective actions: nuclear medicine dept will receive semiannual compliance insp audits by consulting physicist.
KORNETT, M. T. Passaic General Hosp., Passaic, NJ. 84/11/06. MARTIN, T. T. Region 1, Office of Director. 2pp. 27554:170.

DOCKET 70-2375 PACIFIC GAS & ELECTRIC CO., SAN FRANCISCO, CA

8411150132 Forwards Amend 7 to Indemnity Agreement B-75.
GROVE, P. A. Pacific Gas & Electric Co. 84/11/07. SALTZMAN, J. Assistant Director for State & License Relations. 2pp. 27497:001. 24X Fiche: 50-275, 84/11/07, 8411150132.

DOCKET 70-2815 NEW BRITAIN GENERAL HOSP., NEW BRITAIN, CT

8411060444 Certificate of disposition of matls: no matls procured by licensee under License SNM-1816.
* New Britain General Hosp., New Britain, CT. 84/05/08. 1p. 27316:331.

8411060449 Advises that License SNM-1816 may be retired based on review of info supplied by licensee & review of type & form of matl authorized by license.
KINNEMAN, J. D., GLENN, J. E. Region 1, Office of Director. 84/11/01. MORIARTY, M. Office of Nuclear Material Safety & Safeguards, Director. 1p. 27316:332.

8411080339 Informs that License SNM-1816 will be retired based on 840508 notification that licensed matl never procured.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/11/02. SHEPARD, S. W. New Britain General Hosp., New Britain, CT. 1p. 27390:050.

DOCKET 70-2949 ARIZONA PUBLIC SERVICE CO., PHOENIX, AZ

8411130324 Application for amend to License SNM-1887, authorizing increase in number of units of neutron startup source & change to 820216 "Response to NRC Questions for Palo Verde Nuclear Generating Station."
VAN BRUNT, E. E. Arizona Public Service Co. 84/10/22. Office of Nuclear Material Safety & Safeguards, Director. 3pp. 27463:296.

DOCKET 70-2955 EDLOW INTERNATIONAL CO., WASHINGTON, DC

8411160496 Application for amend, terminating License SNM-1903.
EDLOW, J. Edlow International Co. 84/10/18. CROW, W. NRC - No Detailed Affiliation Given. 1p. 27546:333.

DOCKET 70-2973 COMMONWEALTH EDISON CO., CHICAGO, IL

8411160371 Application for amend to License SNM-1917, authorizing receipt, storage, use & package for return to vendor of post-accident neutron monitoring detectors.
ALEXANDER, G. Commonwealth Edison Co. 84/10/03. DAVIS, J. O. Office of Nuclear Material Safety & Safeguards, Director. 5pp. 27548:341.

DOCKET 70-2988 PHILADELPHIA ELECTRIC CO., PHILADELPHIA, PA

841120190 Forwards Safeguards Insp Rept 70-2988/84-01 on 840823, 24 & 27. No violations noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/12. KEMPER, J. S. Philadelphia Electric Co. 2pp. 27437:186.

--841120200 Safeguards Insp Rept 70-2988/84-01 on 840823, 24 & 27. No violations noted. Major areas inspected: facility organization & operation, measurement & controls, shipping & receiving & storage & internal control.
DELA RATTIA, A., KEIMIG, R. R. Region 1, Office of Director. 84/09/27. 5pp. 27437:188.

DOCKETED ITEMS

DOCKET 70-2998 GULF STATES UTILITIES CO., BEAUMONT, TX

8411260443 Informs of anticipated request for verbal "no objection" prior to issuance of license to receive unirradiated fuel, per 841102 discussion.
 BIDINGER, G. H. Uranium Fuel Licensing Branch. 84/11/14. JAUDON, J. P. Region 4, Office of Director. 1p. 27645:343.

DOCKET 70-3005 OHIO STATE UNIV., COLUMBUS, OH

8411060240 Forwards Safeguards Insp Repts 50-150/84-03, 70-0801/84-01 & 70-3005/84-01 on 841010-12. No noncompliance noted.
 AXELSON, W. L. Region 3, Office of Director. 84/10/31. ST PIERRE, R. L. Ohio State Univ., Columbus, OH. 2pp. 27324:143. 24X Fiche: 50-150, 84/10/31, 8411060240.

--8411060279 Safeguards Insp Repts 50-150/84-03, 70-0801/84-01 & 70-3005/84-01 on 841010-12. No noncompliance noted. Major areas inspected: nuclear matl control & accountability. Details withheld (ref 10CFR2.790).
 MADEIRA, T. J., CREED, J. R. Region 3, Office of Director. 84/10/31. 1p. 27324:145. 24X Fiche: 50-150, 84/10/31, 8411060240.

DOCKET 70-3008 DUQUESNE LIGHT CO., PITTSBURGH, PA

8410190337 Application for license, authorizing receipt, possession, insp & packaging of unirradiated nuclear assemblies, flux mapping moveable in-core detectors, neutron detector sys & primary source rods for transport. Supporting documentation encl. Fee paid.
 MIDDLEVER, E. J. Duquesne Light Co. 84/09/28. DAVIES, J. C. Office of Nuclear Material Safety & Safeguards, Director. 176pp. 27115:104.

PACKAGING OF RADIOACTIVE MATERIAL FOR TRANSPORT AND TRANSPORTATION OF RADIOACTIVE MATERIAL UNDER CERTAIN CONDITIONS

DOCKET 71-0006 UNITED NUCLEAR CORP.

8411140457 Submits fee for renewal of GA program approval for radioactive matl package: 0006, Rev 1 dtd 830906.
 KIRK, M. F. United Nuclear Corp. (subs. of UNC Resources, Inc.). 84/10/22. MACDONALD, C. E. Transportation Certification Branch. 1p. 27509:359.

8411210197 Forwards GA program approval for radioactive matl package: 0006, Rev 2.
 MACDONALD, C. E. Transportation Certification Branch. 84/11/14. KIRK, M. F. United Nuclear Corp. (subs. of UNC Resources, Inc.). 1p. 27617:350.

--8411210202 GA program approval for radioactive matl package: 0006, Rev 2.
 MACDONALD, C. E. Transportation Certification Branch. 84/11/14. 1p. 27617:351.

DOCKET 71-0007 AMERICAN SHIP BUILDING CO.

8411130461 Advises that Lorain, OH facility closed & license terminated. All radioactive matl removed.
 ASHBY, H. American Ship Building Co. 84/10/19. MACDONALD, C. E. Transportation Certification Branch. 1p. 27472:020.

8411160561 Confirms that GA program approval for radioactive matl package: 0007 will expire on 830131.
 MACDONALD, C. E. Transportation Certification Branch. 84/11/05. ASHBY, H. American Ship Building Co. 1p. 27543:298.

DOCKET 71-0010 GAMMA INDUSTRIES

8411210312 Requests renewal of GA program approval for radioactive matl package: 0010, GA program encl. Fee paid.
 RIDDLE, R. R. Gamma Industries, Inc. 84/10/30. MACDONALD, C. E. Transportation Certification Branch. 2pp. 27617:246.

tion Packages for Normal/Special Form

84/10/30. 25pp. 27617:248.

newal of GA program approval for
 al Sea Systems Command. 84/10/12.
 nch. 1p. 27251:350.

--8411010280 Requests renewal of GA program approval for radioactive matl package: 0013.
 PARENTE, C. L. Navy, Dept. of. 84/09/24. MACDONALD, C. E. Transportation Certification Branch. 1p. 27251:351.

8411070315 Forwards GA program approval for radioactive matl package: 0013, Rev 3.
 MACDONALD, C. E. Transportation Certification Branch. 84/10/29. DURFEE, P. J. Navy, Dept. of, Naval Sea Systems Command. 1p. 27387:362.

--8411070317 GA program approval for radioactive matl package: 0013, Rev 3.
 MACDONALD, C. E. Transportation Certification Branch. 84/10/29. 1p. 27387:363.

DOCKET 71-0023 TENNESSEE GAS PIPELINE

8411130294 Requests renewal of GA program approval for radioactive matl package: 0023, expiring on 841130, per 840912 ltr. Revised chart reflecting changes within organization encl. Fee paid.
 CULBERTSON, D. L. Tenneco, Inc. 84/10/10. MACDONALD, C. E. Transportation Certification Branch. 3pp. 27480:081.

8411210214 Forwards GA program approval for radioactive matl package: 0023, Rev 2.
 MACDONALD, C. E. Transportation Certification Branch. 84/11/14. CULBERTSON, D. L. Tenneco, Inc. 1p. 27617:336.

--8411210216 GA program approval for radioactive matl package: 0023, Rev 2.
 MACDONALD, C. E. Transportation Certification Branch. 84/11/14. 1p. 27617:337.

DOCKET 71-0028 BORG-WARNER CORP.

8411010426 Advises that GA program approval for radioactive package: 0028 expires on 840930. Renewal must be requested within 30 days of expiration. If renewal not desired, NRC should be so notified.
 MACDONALD, C. E. Transportation Certification Branch. 84/10/23. BOOTH, J. H. Borg-Warner Corp. 1p. 27251:288.

DOCKET 71-0044 UNITED AIRLINES, INC.

8411010015 Advises that GA program approval for radioactive matl package: 0044 expired on 840930. Since GA program approval no longer valid, license terminated.
 MACDONALD, C. E. Transportation Certification Branch. 84/10/23. KASTENS, J. W. United Airlines, Inc. 1p. 27266:318.

DOCKET 71-0047 CAPITOL INTERNATIONAL AIRWAYS, INC.

8411010009 Advises that GA program approval for radioactive matl package: 0047 expired on 840930. Since GA program approval no longer valid, license terminated.
 MACDONALD, C. E. Transportation Certification Branch. 84/10/23. SPARKS, E. Capitol International Airways, Inc. 1p. 27260:360.

DOCKET 71-0051 HARRISON STEEL CASTINGS CO.

8411010008 Advises that GA program approval for radioactive matl package: 0051 expired on 840930. Since GA program approval no longer valid, license terminated.
 MACDONALD, C. E. Transportation Certification Branch. 84/10/23. WILLIAMSON, G. Harrison Steel Castings Co. 1p. 27265:359.

DOCKET 71-0052 NAVY, DEPT. OF

8411130286 Requests renewal of GA approval for radioactive matl package: 0052.
 DURFEE, P. J. Navy, Dept. of, Naval Sea Systems Command. 84/10/25. Division of Fuel Cycle & Material Safety. 7pp. 27480:084.

8411210151 Forwards GA program approval for radioactive matl package: 0052, Rev 3.
 MACDONALD, C. E. Transportation Certification Branch. 84/11/14. DURFEE, P. J. Navy, Dept. of, Naval Sea Systems Command. 1p. 27617:328.

--8411210154 GA program approval for radioactive matl package: 0052, Rev 3.
 MACDONALD, C. E. Transportation Certification Branch. 84/11/14. 1p. 27617:329.

DOCKETED ITEMS

341

DOCKET 71-0053 BOEING SERVICES INTERNATIONAL, INC.

8411130315 Advises of termination of License 1219-1 3D. Contractor does not have any contractual requirements for use or packaging of radioactive matls to require licensing. Remittance for yr beginning 841130 will not be provided.
JENKINS, C.R. Boeing Services International (subs. of Boeing Aerospace Corp.). 84/10/11. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27480:062.

8411160558 Confirms that GA program approval for radioactive matl package:0053 will expire on 841130.
MACDONALD, C.E. Transportation Certification Branch. 84/11/05.
JENKINS, C.R. Boeing Services International (subs. of Boeing Aerospace Corp.). 1p. 27543:294.

DOCKET 71-0058 NAVY, DEPT. OF

8411140454 Requests renewal of GA program approval for radioactive matl package:0058.
HAY, D.G. Navy, Dept. of. 84/10/29. Transportation Certification Branch. 4pp. 27509:360.

8411210161 Forwards GA program approval for radioactive matl package:0058, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/11/14.
HAY, D.G. Navy, Dept. of. 1p. 27624:352.

--8411210162 GA program approval for radioactive matl package:0058, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/11/14.
1p. 27624:353.

DOCKET 71-0059 GENERAL ELECTRIC CO.

8411010010 Advises that GA program approval for radioactive matl package:0059 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
LABRANCHE, F.R. General Electric Co. 1p. 27265:360.

DOCKET 71-0064 GEO CONSTRUCTION TESTING

8411080222 Forwards GA program approval for radioactive matl package:0064, Rev 3.
MACDONALD, C.E. Transportation Certification Branch. 84/10/29.
CUTHBERTSON, T. GEO Construction Testing. 1p. 27406:021.

--8411080229 GA program approval for radioactive matl package:0064, Rev 3.
MACDONALD, C.E. Transportation Certification Branch. 84/10/29.
1p. 27406:022.

DOCKET 71-0076 BABCOCK & WILCOX CO.

8411010012 Advises that GA program approval for radioactive matl package:0076 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
FORD, C.E. Babcock & Wilcox Co. 1p. 27265:361.

DOCKET 71-0077 MIDSTATE TESTING LABORATORY

8411010013 Advises that GA program approval for radioactive matl package:0077 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
KEILMAN, T.J. Midstate Testing Laboratory, Inc. 1p. 27265:362.

DOCKET 71-0085 NAVY, DEPT. OF

8411160508 Requests renewal of GA program approval for radioactive package:0085.
DURFEE, P.J. Navy, Dept. of. 84/11/05. Transportation Certification Branch. 2pp. 27546:199.

--8411160511 Requests renewal of GA program approval for radioactive package:0085.
LATIMER, P.S. Navy, Dept. of. 84/10/22. Transportation Certification Branch. 1p. 27546:201.

--8411160515 Requests renewal of GA program approval for radioactive package:0085.
ELLIOTT, G.M. Navy, Dept. of. 84/09/19. Transportation Certification Branch. 16pp. 27546:202.

DOCKET 71-0086 ALPHA-OMEGA SERVICES, INC.

8411080255 Forwards GA program approval for radioactive matl package:0086, Rev 3.
MACDONALD, C.E. Transportation Certification Branch. 84/10/29.
SOUTHERN, R.L. Alpha-Omega Services, Inc. 1p. 27406:014.

--8411080260 GA program approval for radioactive matl package:0086, Rev 3.
MACDONALD, C.E. Transportation Certification Branch. 84/10/29.
1p. 27406:015.

DOCKET 71-0089 NAVY, DEPT. OF

8411010014 Advises that GA program approval for radioactive matl package:0089 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
Navy, Dept. of. 1p. 27266:317.

DOCKET 71-0092 EASTMAN KODAK CO.

8411140192 Requests registration as user of Models 650, 715 & 771 & renewal of encl updated GA program for radioactive matl package:0092 at industrial radiography training ctr.
HARTER, E.S. Eastman Kodak Co. 84/10/26. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27525:169.

--8411140329 GA program (10CFR71) for Eastman Kodak Co industrial radiography operation.
HARTER, E.S. Eastman Kodak Co. 84/10/26. 4pp. 27525:171.

DOCKET 71-0120 DANIEL INTERNATIONAL CORP.

8411010160 Advises that GA program approval for radioactive matl package:0120 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
PREWITT, R.N. Daniel International Corp. (subs. of Fluor Corp.). 1p. 27271:321.

8411210252 Requests reapproval of GA program approval for radioactive matl package:0120. Fee paid.
MADISON, J.P. Daniel International Corp. (subs. of Fluor Corp.). 84/10/29. MACDONALD, C.E. Transportation Certification Branch. 1p. 27617:298.

8411160600 Forwards GA program approval for radioactive matl package:0120, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/11/05.
MADISON, J.P. Daniel International Corp. (subs. of Fluor Corp.). 1p. 27543:356.

--8411160603 GA program approval for radioactive matl package:0120, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/11/05.
1p. 27543:357.

DOCKET 71-0125 TESTCO, INC.

8411010052 Advises that GA program approval for radioactive matl package:0125 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
FOUSHEE, J.R. Testco, Inc. 1p. 27260:361.

DOCKET 71-0127 NATIONAL ANNEALING BOX CO.

8411010166 Advises that GA program approval for radioactive matl package:0127 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
FRANTZ, J.R. National Annealing Box Co. 1p. 27271:328.

DOCKETED ITEMS

DOCKET 71-0130 CHICAGO BRIDGE & IRON CO.

8411010203 Advises that GA program approval for radioactive matl package:0130 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
STULL, D.J. Chicago Bridge & Iron Co. Ip. 27264:362.

DOCKET 71-0131 WELDING INSTITUTE OF ALASKA

8411080429 Forwards GA program approval for radioactive matl package: 0131, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/10/29.
LOCKMAN, D.M. Testing Institute of Alaska. Ip. 27405:217.

--8411080432 GA program approval for radioactive matl package:0131, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/10/29.
Ip. 27405:218.

DOCKET 71-0132 ADVANCED RADIATION SERVICE, INC.

8411010208 Advises that GA program approval for radioactive matl package:0132 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
KURTZ, A.S. Advanced Radiation Service, Inc. Ip. 27264:361.

8411130322 Advises that GA program approval for radioactive package: 0132 expires on 840930. Renewal must be requested within 30 days of expiration. If renewal not desired, NRC should be so notified.
MACDONALD, C.E. Transportation Certification Branch. 84/10/31.
KURTZ, A.S. Advanced Radiation Service, Inc. Ip. 27480:061.

DOCKET 71-0137 METALS TESTING CO., INC.

8411010210 Advises that GA program approval for radioactive matl package:0137 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
LEINS, J.M. Metals Testing Co., Inc. Ip. 27264:360.

DOCKET 71-0140 WALWORTH CO.

8411030550 Notifies of expiration of GA program approval for radioactive matls:0140 on 840930. Licenses to transport or deliver matl to carrier for transport are terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/24.
NICHOLS, G. Walworth Co. (subs. of IU International Corp.). Ip. 27289:264.

DOCKET 71-0145 THAYER INSPECTION SERVICE, INC.

8411010213 Advises that GA program approval for radioactive matl package:0145 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
MOSS, J.C. Thayer Inspection Service, Inc. Ip. 27264:352.

DOCKET 71-0146 GLOBE X-RAY SERVICES, INC.

8411160172 Forwards GA program.
OZMUN, R.V. Globe X-Ray Services, Inc. 84/09/10. Region 4, Office of Director. MACDONALD, C.E. Transportation Certification Branch. Ip. 27563:321.

--8411160179 GA program.
* Globe X-Ray Services, Inc. 84/09/10. 11pp. 27563:323.

--8411160184 Requests remittance of fee for 840910 request for renewal of GA program.
A.S. License Fee Management Branch. 84/09/19. OZMUN, R.V. X-Ray Services, Inc. 2pp. 27563:334.

DOCKET 71-0154 GENERAL DYNAMICS CORP.

8411010031 Advises that GA program approval for radioactive matl package:0154 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
BEDDOWS, N. General Dynamics Corp. Ip. 27266:340.

DOCKET 71-0156 INDUSTRIAL FABRICATING CO.

8411010220 Advises that GA program approval for radioactive matl package:0156 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
BOZARTH, W. Industrial Fabricating Co. Ip. 27264:350.

DOCKET 71-0157 FROEHLING & ROBERTSON, INC.

8411010281 Forwards GA program approval for radioactive matl package: 0157, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/10/22.
BRIDY, N.W. Froehling & Robertson, Inc. Ip. 27251:348.

--8411010288 GA program approval for radioactive matl package:0157, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/10/22.
Ip. 27251:349.

DOCKET 71-0161 CURTISS-WRIGHT CORP.

8411010358 Advises that GA program approval for radioactive matl package:0161 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
JACKSON, C. Curtiss - Wright Corp. Ip. 27251:333.

8411210084 Responds to NRC 841023 ltr re expiration of GA approval for radioactive matl package:0161. All operations ceased on 831130.
COLE, S.H. Curtiss - Wright Corp. 84/10/30. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27626:352.

DOCKET 71-0168 QUALITY ASSURANCE LABORATORIES, INC.

8411010221 Forwards GA program approval for radioactive matl package: 0168, Rev 3 to reflect proper expiration date incorrectly shown on Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
SHIPLETT, J.J. Quality Assurance Laboratories, Inc. (formerly Jannetti Corp.). Ip. 27264:348.

--8411010229 GA program approval for radioactive matl package:0168, Rev 3.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
Ip. 27264:349.

DOCKET 71-0178 GULF & WESTERN ENERGY PRODUCTS GROUP

8411160183 Informs that GA program will not be renewed. Licensee no longer has radiographic dept or svcs.
DUNIVAN, J.G. Gulf & Western Industries, Inc. 84/10/22.
MACDONALD, C.E. NRC - No Detailed Affiliation Given. Ip. 27565:345.

8411210196 Confirms that GA program approval for radioactive matl package:0178 will expire on 841231, per 841022 request.
MACDONALD, C.E. Transportation Certification Branch. 84/11/14.
DUNIVAN, J.G. Gulf & Western Industries, Inc. Ip. 27617:342.

DOCKET 71-0183 GAMMA SONICS EXAMINATION LABORATORIES, INC.

8411010117 Advises that GA program approval for radioactive matl package:0183 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
SANDERS, H.A. Gamma Sonics Examination Laboratories, Inc. Ip. 27271:360.

DOCKETED ITEMS

343

DOCKET 71-0186 HIGH STEEL STRUCTURES, INC.

B411080433 Forwards GA program approval for radioactive matl package: 0186, Rev 2. MACDONALD, C.E. Transportation Certification Branch. 84/10/29. HESS, C.R. High Steel Structures, Inc. 1p. 27405:215.

--B411080435 GA program approval for radioactive matl package: 0186, Rev 2. MACDONALD, C.E. Transportation Certification Branch. 84/10/29. 1p. 27405:216.

DOCKET 71-0205 QUALITY TESTING, INC.

B411010059 Advises that GA program approval for radioactive matl package: 0205 expired on 840930. Since GA program approval no longer valid, license terminated. MACDONALD, C.E. Transportation Certification Branch. 84/10/23. BECKER, C.A. Quality Testing, Inc. 1p. 27266:342.

DOCKET 71-0211 BOSTON EDISON CO.

B411210087 Requests GA program approval for radioactive matl package: 0211, Rev 15 to GA program encl. Fee paid. HARRINGTON, W.D. Boston Edison Co. 84/09/21. MACDONALD, C.E. Transportation Certification Branch. 3pp. 27625:002.

--B411210089 Rev 15 to GA program for radioactive matl package: 0211. * Boston Edison Co. 84/04/12. 9pp. 27625:005.

DOCKET 71-0213 INTERMOUNTAIN TESTING CO.

B41120387 Requests renewal of GA program approval for radioactive matl package: 0213. Fee paid. FOX, C.E. Intermountain Testing Co. 84/10/05. GORDON, L.L. Transportation Certification Branch. 2pp. 27457:154.

--B41120391 Requests renewal fee for GA program approval for radioactive matl package: 0213. CABELL, A.S. License Fee Management Branch. 84/10/18. FOX, C.E. Intermountain Testing Co. 1p. 27457:156.

DOCKET 71-0218 CUMBERLAND BRIDGE CO.

B411010315 Advises that GA program approval for radioactive matl package: 0218 expired on 840930. Since GA program approval no longer valid, license terminated. MACDONALD, C.E. Transportation Certification Branch. 84/10/23. HARRIS, W.I. Cumberland Bridge Co. 1p. 27251:347.

DOCKET 71-0224 GUYON POWER & PROCESS PIPING

B411010112 Advises that GA program approval for radioactive matl package: 0224 expired on 840930. Since GA program approval no longer valid, license terminated. MACDONALD, C.E. Transportation Certification Branch. 84/10/23. BURGOFFER, J.M. Guyon Alloys, Inc. 1p. 27271:359.

DOCKET 71-0226 NEW YORK, STATE UNIV. OF

B411010081 Advises that GA program approval for radioactive matl package: 0226 expired on 840930. Since GA program approval no longer valid, license terminated. MACDONALD, C.E. Transportation Certification Branch. 84/10/23. HAAS, M.W. New York, State Univ. of, Buffalo, NY. 1p. 27260:359.

DOCKET 71-0228 CAPITAL X-RAY SERVICE

B411160146 Requests renewal of GA program approval for radioactive matl package: 0228, Rev O. Fee paid. JOHNSON, G.W. Capital X-Ray Service. 84/10/23. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 27565:347.

--B411160151 Rev O to GA program for packaging & transportation of radioactive matl. JOHNSON, G.W. Capital X-Ray Service. 84/10/23. 4pp. 27565:349.

DOCKET 71-0232 LAKEHEAD TESTING LABORATORY, INC.

B411080238 Forwards GA program approval for radioactive matl package: 0232, Rev 2. MACDONALD, C.E. Transportation Certification Branch. 84/10/29. EBERT, L.H. Lakehead Testing Laboratory, Inc. 1p. 27406:018.

--B411080241 GA program approval for radioactive matl package: 0232, Rev 2. MACDONALD, C.E. Transportation Certification Branch. 84/10/29. 1p. 27406:019.

DOCKET 71-0236 AMERICAN AIRLINES, INC.

B411130214 Application for renewal of Certificate of Compliance 0236 for packaging & transportation of radioactive matl. GA program encl. Fee paid. HODGE, R.W. American Airlines, Inc. 84/10/09. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 27480:118.

--B411130221 GA program for packaging & transportation of radioactive matl. * American Airlines, Inc. 84/10/09. 4pp. 27480:120.

DOCKET 71-0242 LAW ENGINEERING TESTING CO.

B411010188 Advises that GA program approval for radioactive matl package: 0242 expired on 840930. Since GA program approval no longer valid, license terminated. MACDONALD, C.E. Transportation Certification Branch. 84/10/23. ERWIN, R.G. Law Engineering Testing Co. 1p. 27265:356.

DOCKET 71-0243 TRANSEASTERN INSPECTION, INC.

B411010036 Advises that GA program approval for radioactive matl package: 0243 expired on 840930. Since GA program approval no longer valid, license terminated. MACDONALD, C.E. Transportation Certification Branch. 84/10/23. SHIPARD, L.D. Trans-Eastern Inspection Services, Inc. 1p. 27260:362.

DOCKET 71-0245 NAVY, DEPT. OF

B411080474 Forwards GA program approval for radioactive matl package: 0245, Rev 2. MACDONALD, C.E. Transportation Certification Branch. 84/10/29. WHELAN, J.F. Navy, Dept. of. 1p. 27416:059.

--B411080483 GA program approval for radioactive matl package: 0245, Rev 2. MACDONALD, C.E. Transportation Certification Branch. 84/10/29. 1p. 27416:060.

DOCKET 71-0246 INSPECTION SERVICES CORP.

B411210092 Forwards Rev 1 to GA program. Fee paid. DEHORTY, W. Inspection Services Corp. 84/10/29. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27624:357.

--B411210099 Rev 1 to GA program for Insp Svc Corp. * Inspection Services Corp. 84/10/13. 4pp. 27624:358.

DOCKET 71-0247 IRT CORP.

B411160476 Forwards request for renewal of GA program approval for radioactive shipping package: 0247. DURFEE, P.J. Navy, Dept. of, Naval Sea Systems Command. 84/10/31. Transportation Certification Branch. 2pp. 27546:339.

--B411160482 Requests renewal of GA program approval for radioactive shipping package: 0247. DURFEE, P.J. Navy, Dept. of. 84/10/22. Office of Nuclear Material Safety & Safeguards, Director. 1p. 27546:341.

--B411160484 "GA Program for Use of Shipping Containers for Radioactive Sources in Special Form." FRATUS, S.R. Navy, Dept. of. 84/10/31. 10pp. 27546:342.

DOCKETED ITEMS

DOCKET 71-0261 NAVY, DEPT. OF

8411120398 Requests renewal of GA program approval for radioactive matl package:0261.
CONNERS,J.D. Navy, Dept. of. 84/10/27. Transportation
Certification Branch. 3pp. 27438:360.

DOCKET 71-0262 WISCONSIN INDUSTRIAL TESTING, INC.

8411160385 Requests renewal of GA program approval for radioactive matl package:0262.Fee paid.
GREYER,R. Wisconsin Industrial Testing, Inc. 84/10/24.
MACDONALD,C.E. Transportation Certification Branch. 2pp.
27563:350.

8411210221 Forwards GA program approval for radioactive matl package:
0262,Rev 2.
MACDONALD,C.E. Transportation Certification Branch. 84/11/14.
GREYER,R. Wisconsin Industrial Testing, Inc. 1p. 27617:334.

--8411210226 GA program approval for radioactive matl package:0262,Rev 2.
MACDONALD,C.E. Transportation Certification Branch. 84/11/14.
1p. 27617:335.

DOCKET 71-0268 NAVY, DEPT. OF

8411160352 Requests renewal of GA program approval for radioactive matl package:0268.
DURFEE,P.J. Navy, Dept. of, Naval Sea Systems Command. 84/10/31.
Transportation Certification Branch. 2pp. 27548:346.

--8411160358 Requests renewal of GA program approval for radioactive matl package:0268.
* Navy, Dept. of. 84/09/28. Division of Fuel Cycle & Material
Safety. 15pp. 27548:348.

DOCKET 71-0269 LEHIGH TESTING LABORATORIES, INC.

8411080245 Forwards GA program approval for radioactive matl package:
0269,Rev 2.
MACDONALD,C.E. Transportation Certification Branch. 84/10/29.
WESTON,L.A. Lehigh Testing Laboratories, Inc. 1p. 27406:016.

--8411080249 GA program approval for radioactive matl package:0269,Rev 2.
MACDONALD,C.E. Transportation Certification Branch. 84/10/29.
1p. 27406:017.

DOCKET 71-0281 DELTA AIRLINES, INC.

8411010230 Advises that GA program approval for radioactive matl package:0281 expired on 840930.Since GA program approval no longer valid,license terminated.
MACDONALD,C.E. Transportation Certification Branch. 84/10/23.
EDWARDS,A.D. Delta Air Lines, Inc. 1p. 27264:346.

DOCKET 71-0286 BPB INSTRUMENTS, INC.

8411160590 Forwards GA program approval for radioactive matl package:
0286,Rev 2.
MACDONALD,C.E. Transportation Certification Branch. 84/11/05.
WATERS,P.J. BPB Instruments, Inc. 1p. 27543:325.

--8411160597 GA program approval for radioactive matl package:0286,
Rev 2.
MACDONALD,C.E. Transportation Certification Branch. 84/11/05.
1p. 27543:326.

DOCKET 71-0292 INDUSTRIAL GAMMA INSPECTION

8411010225 Advises that GA program approval for radioactive matl package:0292 expired on 840930.Since GA program approval no longer valid,license terminated.
MACDONALD,C.E. Transportation Certification Branch. 84/10/23.
SMITH,R. Industrial Gamma Inspection. 1p. 27264:347.

DOCKET 71-0298 STEEL TANK CONSTRUCTION CO.

8411010217 Advises that GA program approval for radioactive matl package:0298 expired on 840930.Since GA program approval no longer valid,license terminated.
MACDONALD,C.E. Transportation Certification Branch. 84/10/23.
PADGETT,G. Steel Tank Construction Co. 1p. 27264:351.

DOCKET 71-0301 CTL ENGINEERING, INC.

8411210286 Requests renewal of GA program for radioactive matl package:0301.Fee paid.
CROWLEY,J.L. CTL Engineers, Inc. 84/10/11. OORDON,L.
Transportation Certification Branch. 2pp. 27617:281.

DOCKET 71-0304 TELEDYNE BROWN ENGINEERING CO.

8411010464 Advises that GA program approval for radioactive package:
0304 expires on 840930.Renewal must be requested within 30 days of expiration.If renewal not desired,NRC should be so notified.
MACDONALD,C.E. Transportation Certification Branch. 84/10/23.
MEYER,W.A. Teledyne Brown Engineering Co. 1p. 27265:069.

DOCKET 71-0305 AMERICAN X-RAY & INSPECTION, INC.

8411010484 Advises that GA program approval for radioactive package:0305 expires on 840930.Renewal must be requested within 30 days of expiration.If renewal not desired,NRC should be so notified.
MACDONALD,C.E. Transportation Certification Branch. 84/10/23.
GRASHAM,T.D. American X-Ray & Inspection, Inc. 1p. 27265:075.

DOCKET 71-0306 SNYDER DRILLING & WELL SERVICING

8411210316 Requests renewal of GA program for radioactive matl package:0306.Fee paid.
SNYDER,H.L. Snyder Drilling & Well Servicing. 84/08/07.
MACDONALD,C.E. Transportation Certification Branch. 3pp.
27617:240.

8411010252 Advises that GA program approval for radioactive matl package:0306 expired on 840930.Since GA program approval no longer valid,license terminated.
MACDONALD,C.E. Transportation Certification Branch. 84/10/23.
SNYDER,H.L. Snyder Drilling & Well Servicing. 1p. 27264:345.

DOCKET 71-0307 TEXAS PIPE BENDING CO. OF PUERTO RICO

8411010259 Advises that GA program approval for radioactive matl package:0307 expired on 840930.Since GA program approval no longer valid,license terminated.
MACDONALD,C.E. Transportation Certification Branch. 84/10/23.
WARREN,M.C. Texas Pipe & Bending Co. of Puerto Rico. 1p. 27264:308.

DOCKET 71-0316 MASON & HANGER-SILAS MASON CO., INC.

8411130271 Forwards GA program for renewal of GA program approval for radioactive matl package:0316.
HOLMBERG,R.L. Mason & Hanger - Silas Mason Co., Inc. 84/10/01.
MACDONALD,C.E. Transportation Certification Branch. 2pp.
27480:091.

--8411130279 GA program.
* Mason & Hanger - Silas Mason Co., Inc. 84/10/01. 7pp.
27480:094.

DOCKET 71-0317 HUDSON PRODUCTS CORP.

8411130311 Requests renewal of GA program for radioactive matl package:0317.Fee paid.
BLAIR,J. Hudson Products Corp. 84/09/24. MACDONALD,C.E.
Transportation Certification Branch. 1p. 27480:068.

8411210204 Forwards GA program approval for radioactive matl package:
0317,Rev 2.
MACDONALD,C.E. Transportation Certification Branch. 84/11/14.
BLAIR,J. Hudson Products Corp. 1p. 27617:345.

DOCKETED ITEMS

345

--8411210211 GA program approval for radioactive matl package: 0317, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/11/14.
1p. 27617:346.

DOCKET 71-0319 GENERAL TESTING & INSPECTION CO.

8411010260 Advises that GA program approval for radioactive matl package: 0319 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
KRUEGEL, R.E. General Testing & Inspection Co. 1p. 27264:307.

DOCKET 71-0321 EXAM CO.

8411210359 Requests GA program approval for radioactive matl package: 0321 until final determination made on application. GA program encl. Fee paid.
ACTON, B. Exam Co. 84/09/21. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27617:132.

--8411210361 GA program for radioactive matl package: 0321.
ACTON, B. Exam Co. 84/09/21. 4pp. 27617:134.

--8411210363 Requests fee for renewal of GA program approval for radioactive matl package: 0321.
CABELL, A.S. License Fee Management Branch. 84/10/18. ACTON, B. Exam Co. 1p. 27617:137.

--8411210364 Forwards fee for renewal of GA program approval for radioactive matl package: 0321.
ACTON, B. Exam Co. 84/11/05. CABELL, A.S. License Fee Management Branch. 1p. 27617:138.

DOCKET 71-0322 BABCOCK & WILCOX CO.

8411010265 Advises that GA program approval for radioactive matl package: 0322 expired on 840930. Since GA program approval no longer valid, license terminated.
MACDONALD, C.E. Transportation Certification Branch. 84/10/23.
LAWRENCE, M. Babcock & Wilcox Co. 1p. 27264:001.

DOCKET 71-0330 ALLIED INSPECTION SERVICES, INC.

841160439 Forwards GA program approval for radioactive matl package: 0330, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/11/05.
GRASHAW, T.D. Allied Inspection Services, Inc. 1p. 27563:346.

--841160444 GA program approval for radioactive matl package: 0330, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/11/05.
1p. 27563:347.

DOCKET 71-0332 FLORIDA POWER CORP.

8411080372 Forwards GA program approval for radioactive matl package: 0332, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/10/29.
WILGUS, W.S. Florida Power Corp. 1p. 27434:207.

--8411080373 GA program approval for radioactive matl package: 0332, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/10/29.
1p. 27434:208.

DOCKET 71-0334 METROPOLITAN EDISON CO.

8411130072 Forwards GA program approval for radioactive matl package: 0334, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/10/31.
STANDERFER, F.R. General Public Utilities - GPU Service Corp. 1p. 27478:116.

--8411130078 GA program approval for radioactive matl package: 0334, Rev 2.
MACDONALD, C.E. Transportation Certification Branch. 84/10/31.
1p. 27478:117.

DOCKET 71-0339 WISCONSIN CENTRIFUGAL, INC.

8411210309 Forwards revised GA program approval for radioactive matl package: 0339, Rev 1, per NRC 840912 ltr. Fee paid.
PENDER, T.L. Wisconsin Centrifugal, Inc. 84/10/29. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27617:273.

--8411210310 Revised GA program for Wisconsin Centrifugal, Inc.
* Wisconsin Centrifugal, Inc. 84/10/29. 4pp. 27617:275.

DOCKET 71-0345 CAROLINA POWER & LIGHT CO.

841140116 Requests renewal of GA program approval for radioactive matl package: 0345. Fee paid.
CUTTER, A.B. Carolina Power & Light Co. 84/10/25. MACDONALD, C.E. Transportation Certification Branch. 1p. 27509:353.

8411210186 Forwards GA program approval for radioactive matl package: 0345, Rev 4.
MACDONALD, C.E. Transportation Certification Branch. 84/11/14.
SALAS, P. Carolina Power & Light Co. 1p. 27624:342.

--8411210193 GA program approval for radioactive matl package: 0345, Rev 4.
MACDONALD, C.E. Transportation Certification Branch. 84/11/14.
1p. 27624:343.

DOCKET 71-0351 TELEDYNE OHIOCAST

841130702 Advises that operations ceased as of 840601 & GA program no longer required, in response to 841017 ltr. License 34-00412-03, Control 15472 also canceled as of 840621.
JENSEN, R.A. Teledyne Ohio Cast. 84/10/23. MACDONALD, C.E. Transportation Certification Branch. 1p. 27471:211.

8411210146 Confirms that GA program approval for radioactive matl package: 0351 will expire on 850131, per 841023 request.
MACDONALD, C.E. Transportation Certification Branch. 84/11/14.
JENSEN, R.A. Teledyne Ohio Cast. 1p. 27626:075.

DOCKET 71-0510 GESELLSCHAFT FUER NUKLEAR SERVICE, MBH

8411200248 Forwards request for addl info re GA handbook for dry spent fuel storage cask to be incorporated in GA program & submitted by US company within 30 days.
MACDONALD, C.E. Transportation Certification Branch. ROUSE, L.C. Advanced Fuel & Spent Fuel Licensing Branch. 84/11/13. ROLLINS, J.D. Gesellschaft fuer Nuklear Service, mbH. 3pp. 27597:352.

DOCKET 71-0522 CALIFORNIA, UNIV. OF, LOS ANGELES, CA

841130411 Requests registration as user of Models GE-200, GE-700 & BNL-1, UCLA GA program encl.
WEBER, W.F. California, Univ. of, Los Angeles, CA. 84/10/17.
MACDONALD, C.E. Transportation Certification Branch. 1p. 27472:031.

--841130422 "UCLA GA Program."
* California, Univ. of, Los Angeles, CA. 84/10/31. 8pp. 27472:032.

8411010647 Forwards GA program approval for radioactive matl package: 0522, Rev 1.
MACDONALD, C.E. Transportation Certification Branch. 84/10/25.
OSTRANDER, N.C. California, Univ. of, Los Angeles, CA. 1p. 27265:331.

--8411010653 GA program approval for radioactive matl package: 0522, Rev 1.
MACDONALD, C.E. Transportation Certification Branch. 84/10/25.
1p. 27265:332.

DOCKET 71-4949 MODEL: UNC-1484, UNITED NUCLEAR CORP.

841130689 Forwards Rev 5 to Certificate of Compliance 4949 for Model UNC-1484.
MACDONALD, C.E. Transportation Certification Branch. 84/11/02.
KIRK, W.F. United Nuclear Corp. (subs. of UNC Resources, Inc.). 2pp. 27463:333.

--841130693 Certificate of Compliance 4949, Rev 5, for Model UNC-1484.
Approval record encl.
MACDONALD, C.E. Transportation Certification Branch. 84/11/02.
3pp. 27463:335.

DOCKETED ITEMS

DOCKET 71-4986 MODEL: RA-2, RA-3, RA-J, GENERAL ELECTRIC CO.

841130196 Requests submittal of KENO-IV analysis (printout) within 30 days in order to complete processing of 841003 application for amend to Model RA-series packages. MACDONALD, C.E. Transportation Certification Branch. 84/10/29. GERRALD, L.D. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). 1p. 27480:143.

DOCKET 71-5026 MODEL: CNS 14-190, CHEM-NUCLEAR SYSTEMS, INC.

841120442 Provides address change for future revs to certificates of compliance. WOODARD, J.D. Alabama Power Co. 84/10/17. MACDONALD, C.E. Transportation Certification Branch. 3pp. 27457:166.

DOCKET 71-5149 MODEL: B14A, BABCOCK & WILCOX CO.

8411010032 Application for renewal of Certificates of Compliance 5341, 5563, 5910, 6172, 6357 & 5149 for Models NFP-55, 660B & C. NNFD-SA-2, 961A, NNFD-10 & B14A, respectively. REGAN, N.A. Babcock & Wilcox Co. 84/10/09. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27266:341.

8411020100 Forwards Rev 5 to Certificate of Compliance 5149 for Model B14A. MACDONALD, C.E. Transportation Certification Branch. 84/10/25. REGAN, N.A. Babcock & Wilcox Co. 2pp. 27262:289.

--8411020104 Certificate of Compliance 5149, Rev 5, for Model B14A. Approval record encl. MACDONALD, C.E. Transportation Certification Branch. 84/10/25. 3pp. 27262:291.

DOCKET 71-5341 MODEL: NFP-55, BABCOCK & WILCOX CO.

8411010032 Application for renewal of Certificates of Compliance 5341, 5563, 5910, 6172, 6357 & 5149 for Models NFP-55, 660B & C. NNFD-SA-2, 961A, NNFD-10 & B14A, respectively. REGAN, N.A. Babcock & Wilcox Co. 84/10/09. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27266:341.

8411020324 Forwards Rev 6 to Certificate of Compliance 5341 for Model NFP-55. MACDONALD, C.E. Transportation Certification Branch. 84/10/25. REGAN, N.A. Babcock & Wilcox Co. 1p. 27261:358.

--8411020327 Certificate of Compliance 5341, Rev 6, for Model NFP-55. MACDONALD, C.E. Transportation Certification Branch. 84/10/25. 3pp. 27261:359.

DOCKET 71-5563 MODEL: 660C & 660B, BABCOCK & WILCOX CO.

8411010032 Application for renewal of Certificates of Compliance 5341, 5563, 5910, 6172, 6357 & 5149 for Models NFP-55, 660B & C. NNFD-SA-2, 961A, NNFD-10 & B14A, respectively. REGAN, N.A. Babcock & Wilcox Co. 84/10/09. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27266:341.

8411020304 Forwards Rev 5 to Certificate of Compliance 5563 for Models 660C & 660B. MACDONALD, C.E. Transportation Certification Branch. 84/10/25. REGAN, N.A. Babcock & Wilcox Co. 2pp. 27263:144.

--8411020306 Certificate of Compliance 5563, Rev 5, for Models 660C & 660B. MACDONALD, C.E. Transportation Certification Branch. 84/10/25. 3pp. 27263:146.

DOCKET 71-5797 MODEL: INNER & OUTER HFIR UN, ENERGY, DEPT. OF

8411010271 Forwards Rev 4 to Certificate of Compliance 5797 for Model Inner & Outer HFIR unirradiated fuel element shipping container. MACDONALD, C.E. Transportation Certification Branch. 84/10/23. GARRISON, R.F. Energy, Dept. of. 2pp. 27251:354.

--8411010277 Certificate of Compliance 5797, Rev 4, for Model Inner & Outer HFIR unirradiated fuel element shipping container. MACDONALD, C.E. Transportation Certification Branch. 84/10/23. 4pp. 27251:356.

DOCKET 71-5805 MODEL: CNS 3-55, CHEM-NUCLEAR SYSTEMS, INC.

841120442 Provides address change for future revs to certificates of compliance. WOODARD, J.D. Alabama Power Co. 84/10/17. MACDONALD, C.E. Transportation Certification Branch. 3pp.

DOCKET 71-5814 MODEL: NRBK-41, -42 & -43, ENERGY, DEPT. OF

841160150 Discusses thermal analysis of WAPD-40 irradiation test specimen shipping containers. Revised pages of SAR for packaging will be submitted in Dec 1984. Requests NRC comments on course of action described by 841119. ENGEL, W.P. Energy, Dept. of. 84/11/05. MACDONALD, C.E. Transportation Certification Branch. 3pp. 27563:316.

DOCKET 71-5874 MODEL: WAPD-40, ENERGY, DEPT. OF

8411010446 Summary of 841016 meeting w/Naval Reactors & Bettis in Silver Spring, MD re thermal & structural aspects of Model WAPD-40 package. ODEGAARDEN, R.H. Transportation Certification Branch. 84/10/23. Transportation Certification Branch. 1p. 27265:064.

--8411010448 Forwards Naval Reactors resolution of NRC comments contained in B30623 ltr & discussed in 831121 meeting re SAR for packaging of WAPD-40 cask. Meeting w/H Schneider & Bettis on 841016 suggested. ENGEL, W.P. Navy, Dept. of. 84/09/24. MACDONALD, C.E. NRC - No Detailed Affiliation Given. 4pp. 27265:065.

841160150 Discusses thermal analysis of WAPD-40 irradiation test specimen shipping containers. Revised pages of SAR for packaging will be submitted in Dec 1984. Requests NRC comments on course of action described by 841119. ENGEL, W.P. Energy, Dept. of. 84/11/05. MACDONALD, C.E. Transportation Certification Branch. 3pp. 27563:316.

DOCKET 71-5875 MODEL: WAPD-39 & NRBK-44, ENERGY, DEPT. OF

841160150 Discusses thermal analysis of WAPD-40 irradiation test specimen shipping containers. Revised pages of SAR for packaging will be submitted in Dec 1984. Requests NRC comments on course of action described by 841119. ENGEL, W.P. Energy, Dept. of. 84/11/05. MACDONALD, C.E. Transportation Certification Branch. 3pp. 27563:316.

DOCKET 71-5910 MODEL: NNFD-SA-2, BABCOCK & WILCOX CO.

8411010032 Application for renewal of Certificates of Compliance 5341, 5563, 5910, 6172, 6357 & 5149 for Models NFP-55, 660B & C. NNFD-SA-2, 961A, NNFD-10 & B14A, respectively. REGAN, N.A. Babcock & Wilcox Co. 84/10/09. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27266:341.

8411020333 Forwards Rev 4 to Certificate of Compliance 5910 for Model NNFD-SA-2. MACDONALD, C.E. Transportation Certification Branch. 84/10/24. REGAN, N.A. Babcock & Wilcox Co. 2pp. 27263:139.

--8411020335 Certificate of Compliance 5910, Rev 4, for Model NNFD-SA-2. MACDONALD, C.E. Transportation Certification Branch. 84/10/24. 3pp. 27263:141.

DOCKET 71-5939 MODEL: GE-1500, GENERAL ELECTRIC CO.

841150187 Forwards Rev 11 to Certificate of Compliance 5939 for Model GE-1500. MACDONALD, C.E. Transportation Certification Branch. 84/11/05. CUNNINGHAM, G.E. General Electric Co. 2pp. 27530:311.

--841150191 Certificate of Compliance 5939, Rev 11, for Model GE-1500. Approval record encl. MACDONALD, C.E. Transportation Certification Branch. 84/11/05. 4pp. 27530:313.

DOCKETED ITEMS

347

DOCKET 71-5942 MODEL: GE-700, GENERAL ELECTRIC CO.

841130334 Requests registration as user of Models GE-200, GE-700 & BMI-1 in order to return reactor fuel to DOE. GA program encl.
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/10/17.
MACDONALD, C.E. Transportation Certification Branch. 1p. 27463:284.

--841130335 "UCLA GA Program."
* California, Univ. of, Los Angeles, CA. 84/10/31. 7pp.
27463:285.

841130411 Requests registration as user of Models GE-200, GE-700 & BMI-1. UCLA GA program encl.
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/10/17.
MACDONALD, C.E. Transportation Certification Branch. 1p. 27472:031.

841130459 Requests registration as user of Models GE-200, GE-700 & BMI-1.
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/10/17.
DAVIS, J.G. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 27472:022.

DOCKET 71-5957 MODEL: BMI-1, BATTELLE COLUMBUS LABORATORY

841130334 Requests registration as user of Models GE-200, GE-700 & BMI-1 in order to return reactor fuel to DOE. GA program encl.
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/10/17.
MACDONALD, C.E. Transportation Certification Branch. 1p. 27463:284.

--841130335 "UCLA GA Program."
* California, Univ. of, Los Angeles, CA. 84/10/31. 7pp.
27463:285.

841130411 Requests registration as user of Models GE-200, GE-700 & BMI-1. UCLA GA program encl.
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/10/17.
MACDONALD, C.E. Transportation Certification Branch. 1p. 27472:031.

841130459 Requests registration as user of Models GE-200, GE-700 & BMI-1.
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/10/17.
DAVIS, J.G. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 27472:022.

DOCKET 71-5971 MODEL: GE-200, GENERAL ELECTRIC CO.

841130334 Requests registration as user of Models GE-200, GE-700 & BMI-1 in order to return reactor fuel to DOE. GA program encl.
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/10/17.
MACDONALD, C.E. Transportation Certification Branch. 1p. 27463:284.

--841130335 "UCLA GA Program."
* California, Univ. of, Los Angeles, CA. 84/10/31. 7pp.
27463:285.

841130411 Requests registration as user of Models GE-200, GE-700 & BMI-1. UCLA GA program encl.
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/10/17.
MACDONALD, C.E. Transportation Certification Branch. 1p. 27472:031.

841130459 Requests registration as user of Models GE-200, GE-700 & BMI-1.
WEGST, W.F. California, Univ. of, Los Angeles, CA. 84/10/17.
DAVIS, J.G. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 27472:022.

DOCKET 71-6144 MODEL: B-2, U.S. ECOLOGY, INC.

841120442 Provides address change for future revs to certificates of compliance.
WOODARD, J.D. Alabama Power Co. 84/10/17. MACDONALD, C.E. Transportation Certification Branch. 3pp.

DOCKET 71-6172 MODEL: 961A, BABCOCK & WILCOX CO.

8411010032 Application for renewal of Certificates of Compliance 5341, 5563, 5910, 6172, 6357 & 5149 for Models NFP-55, 660B & C, NNFD-SA-2, 961A, NNFD-10 & 814A, respectively.
REGAN, N.A. Babcock & Wilcox Co. 84/10/09. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27266:341.

8411020005 Forwards Rev 4 to Certificate of Compliance 6172 for Model 961A.
MACDONALD, C.E. Transportation Certification Branch. 84/10/25.
REGAN, N.A. Babcock & Wilcox Co. 2pp. 27262:357.

--8411020011 Certificate of Compliance 6172, Rev 4, for Model 961A.
MACDONALD, C.E. Transportation Certification Branch. 84/10/25.
2pp. 27262:359.

DOCKET 71-6244 MODEL: 6244, CHEM-NUCLEAR SYSTEMS, INC.

841120442 Provides address change for future revs to certificates of compliance.
WOODARD, J.D. Alabama Power Co. 84/10/17. MACDONALD, C.E. Transportation Certification Branch. 3pp.

DOCKET 71-6275 MODEL: LL-28-4, CHEM-NUCLEAR SYSTEMS, INC.

841120442 Provides address change for future revs to certificates of compliance.
WOODARD, J.D. Alabama Power Co. 84/10/17. MACDONALD, C.E. Transportation Certification Branch. 3pp.

DOCKET 71-6291 MODEL: 400, BIOTRONIK SALES, INC.

8411080218 Advises that Certificate of Compliance 6291, Rev 4 for Model 400 expired on 840930.
MACDONALD, C.E. Transportation Certification Branch. 84/10/26.
DUEHREN, W.H. Biotronic Sales, Inc. 1p. 27406:020.

DOCKET 71-6294 MODEL: UNC-2901, COMBUSTION ENGINEERING, INC.

8411010627 Forwards Rev 8 to Certificate of Compliance 6294 for Model UNC-2901.
MACDONALD, C.E. Transportation Certification Branch. 84/10/24.
ZEFF, D.W. Babcock & Wilcox Co. 2pp. 27265:344.

--8411010630 Certificate of Compliance 6294, Rev 8, for Model UNC-2901.
Approval record encl.
MACDONALD, C.E. Transportation Certification Branch. 84/10/24.
5pp. 27265:346.

DOCKET 71-6346 MODEL: FSV-1, GA TECHNOLOGIES, INC.

841160578 Forwards Rev 12 to Certificate of Compliance 6346 for Model FSV-1.
MACDONALD, C.E. Transportation Certification Branch. 84/11/05.
MOURY, W.R. GA Technologies, Inc./General Atomic Co. 2pp. 27543:299.

--841160584 Certificate of Compliance 6346, Rev 12, for Model FSV-1.
Approval record encl.
MACDONALD, C.E. Transportation Certification Branch. 84/11/05.
4pp. 27543:301.

DOCKET 71-6357 MODEL: NNFD-10, BABCOCK & WILCOX CO.

8411010032 Application for renewal of Certificates of Compliance 5341, 5563, 5910, 6172, 6357 & 5149 for Models NFP-55, 660B & C, NNFD-SA-2, 961A, NNFD-10 & 814A, respectively.
REGAN, N.A. Babcock & Wilcox Co. 84/10/09. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27266:341.

8411010611 Forwards Rev 4 to Certificate of Compliance 6357 for Model NNFD-10.
MACDONALD, C.E. Transportation Certification Branch. 84/10/24.
REGAN, N.A. Babcock & Wilcox Co. 2pp. 27265:306.

--8411010618 Certificate of Compliance 6357, Rev 4, for Model NNFD-10.
MACDONALD, C.E. Transportation Certification Branch. 84/10/24.
3pp. 27265:308.

DOCKET 71-6375 MODEL: CNS 4-45, CHEM-NUCLEAR SYSTEMS, INC.

841120442 Provides address change for future revs to certificates of compliance.
WOODARD, J.D. Alabama Power Co. 84/10/17. MACDONALD, C.E. Transportation Certification Branch. 3pp.

DOCKETED ITEMS

DOCKET 71-6574 MODEL: HN-200, HITTMAN NUCLEAR & DEVELOPMENT CORP.

841120442 Provides address change for future revs to certificates of compliance.
WOODARD, J.D. Alabama Power Co. 84/10/17. MACDONALD, C.E. Transportation Certification Branch. 3pp.

DOCKET 71-6601 MODEL: CNS 8-120, CHEM-NUCLEAR SYSTEMS, INC.

841160229 Application for rev to Certificate of Compliance 6601, extending expiration date to 851231. Extension will allow time to construct replacement Type B casks while servicing customer w/existing package.
POPPE, L.K. Chem-Nuclear Systems, Inc. 84/09/18. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27563:360.

--841160236 Requests amend fee to review 840918 request for amend to Certificate of Compliance 6601.
JACKSON, G. License Fee Management Branch. 84/10/02. POPPE, L.K. Chem-Nuclear Systems, Inc. 1p. 27563:362.

--841160240 Forwards amend fee for 840918 request for amend to Certificate of Compliance 6601.
POPPE, L.K. Chem-Nuclear Systems, Inc. 84/10/30. JACKSON, G. License Fee Management Branch. 1p. 27563:363.

841120442 Provides address change for future revs to certificates of compliance.
WOODARD, J.D. Alabama Power Co. 84/10/17. MACDONALD, C.E. Transportation Certification Branch. 3pp.

8411070244 Notification of registration as user of Models CNS 8-120, CNS 14-195-H, CNS 6-80-2, CNS 6-80-2A, NUPAC 14/210L & NUPAC 14/210H, in response to 840911 request.
MACDONALD, C.E. Transportation Certification Branch. 84/10/29. BEILKE, R.L. Nebraska Public Power District. 1p. 27388:270.

DOCKET 71-6771 MODEL: SN-1, METROPOLITAN EDISON CO.

8411070256 Issues amend to Certificate of Compliance 6771 for Model SN-1, authorizing up to 1,500 Ci radioactive solids. Approval record encl.
MACDONALD, C.E. Transportation Certification Branch. 84/10/29. HAHN, R.E. General Public Utilities - GPU Service Corp. 2pp. 27388:244.

DOCKET 71-9001 MODEL: IF-300, GENERAL ELECTRIC CO.

8411260097 Requests addl info re 840924 application for renewal of Certificate of Compliance 9001 for Model IF-300. Welder name, welding procedure qualification requirements & weld joints to be tested should be specified on drawings.
MACDONALD, C.E. Transportation Certification Branch. 84/11/14. VAN HOOHISEN General Electric Uranium Management Corp. 4pp. 27647:064.

DOCKET 71-9006 MODEL: 500-SU, AUTOMATION INDUSTRIES, INC.

841130300 Application for amend to Certificate of Compliance 9006 for Model 500 SU. Requests expeditious renewal to afford time for renewal of IAEA Certificate of Competent Authority.
MUNRO, J.J. Tech/Ops. 84/10/19. MACDONALD, C.E. Transportation Certification Branch. 1p. 27480:078.

DOCKET 71-9015 MODEL: TN-8, -8L, VIRGINIA ELECTRIC & POWER CO.

8411030257 Notification of registration as user of Models TN-8, TN-8L & TN-9, in response to 840912 request.
MACDONALD, C.E. Transportation Certification Branch. 84/10/25. KINTNER, S. Chem-Nuclear Systems, Inc. 1p. 27309:338.

DOCKET 71-9016 MODEL: TN-9, COMMONWEALTH EDISON CO.

8411030257 Notification of registration as user of Models TN-8, TN-8L & TN-9, in response to 840912 request.
MACDONALD, C.E. Transportation Certification Branch. 84/10/25. KINTNER, S. Chem-Nuclear Systems, Inc. 1p. 27309:338.

841140080 Advises of issuance of amend to Certificate of Compliance 9016 authorizing shipment of Dresden 1 thoria spent fuel rods in modified D-1 canister placed inside fuel compartment of Model TN-9 packaging. Approval record encl.
MACDONALD, C.E. Transportation Certification Branch. 84/11/02. GOLDMANN, K. Transnuclear, Inc. 2pp. 27509:345.

841120110 Application for amend to Certificate of Compliance 9016, changing length of thoria rods from 114.7 to 116.7 inches. Fee paid.
GOLDMANN, K. Transnuclear, Inc. 84/11/02. MACDONALD, C.E. Transportation Certification Branch. 3pp. 27625:014.

DOCKET 71-9027 MODEL: 741 & 741E, TECHNICAL OPERATIONS, INC.

841130384 Application for renewal of Certificate of Compliance 9027, for Model 741. Fee paid.
MUNRO, J.J. Tech/Ops. 84/10/19. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27472:043.

8411260032 Forwards Rev 5 to Certificate of Compliance 9027 for Models 741 & 741E.
MACDONALD, C.E. Transportation Certification Branch. 84/11/14. MUNRO, J.J. Tech/Ops. 2pp. 27647:168.

--8411260038 Certificate of Compliance 9027, Rev 5, for Models 741 & 741E.
MACDONALD, C.E. Transportation Certification Branch. 84/11/14. 3pp. 27647:170.

DOCKET 71-9028 MODEL: 684 & 684E, TECHNICAL OPERATIONS, INC.

841130007 Forwards Rev 5 to Certificate of Compliance 9028 for Models 684 & 684E.
MACDONALD, C.E. Transportation Certification Branch. 84/10/30. MUNRO, J.J. Technical Operations, Inc. 2pp. 27481:343.

--841130012 Certificate of Compliance 9028, Rev 5, for Models 684 & 684E.
MACDONALD, C.E. Transportation Certification Branch. 84/10/30. 3pp. 27481:345.

DOCKET 71-9032 MODEL: 650, TECHNICAL OPERATIONS, INC.

841160138 Advises that license activities formerly carried out by X-Ray Industries, Inc transferred to subsidiary X-R-I Testing of Michigan, Inc under License 21-03472-01. Amend 20. Requests records be corrected to reflect change.
EVANS, J.J. X-Ray Industries, Inc. 84/10/15. MACDONALD, C.E. Transportation Certification Branch. 1p. 27565:353.

DOCKET 71-9035 MODEL: 680 & 680E, TECHNICAL OPERATIONS, INC.

841130549 Application for renewal of Certificate of Compliance 9035 for Models 680 & 680 E. Fee paid.
MUNRO, J.J. Tech/Ops. 84/10/19. MACDONALD, C.E. Transportation Certification Branch. 8pp. 27471:349.

DOCKET 71-9071 MODEL: AP-101, ANEFCO, INC.

841130502 Requests registration as user of Model AP-101.
AUSTIN, M.A. Babcock & Wilcox Co. 84/10/16. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27472:010.

8411020107 Notification of registration as user of Models AP-101, NUPAC 14/210L & NUPAC 14/121 OH, in response to 841003 request.
MACDONALD, C.E. Transportation Certification Branch. 84/10/25. Virginia Electric & Power Co. 1p. 27262:362.

8411070327 Notification of registration as user of Model AP-101 in response to 841016 request.
MACDONALD, C.E. Transportation Certification Branch. 84/10/26. AUSTIN, M.A. Babcock & Wilcox Co. 1p. 27388:177.

DOCKET 71-9073 MODEL: OH-142 SERIES & NUS 10-135, NUCLEAR PACKAGING

841160221 Confirms 840813 oral rept re shipment of Natick self-contained irradiator in excess of max allowable payload. Second irradiator required for transfer to US Army as soon as possible. Increasing max payload being evaluated.
SHEDIRA, C. Neutron Products, Inc. 84/09/17. MACDONALD, C.E. Transportation Certification Branch. 2pp. 27565:342.

DOCKETED ITEMS

349

B411130646 Application for amend to Certificate of Compliance 9073, to allow shipment of payloads of up to 12,000 lbs when cask is built from matls w/enhanced physical properties. Fee paid. TEMUS, C. J. Nuclear Packaging, Inc. 84/10/05. MACDONALD, C. E. Transportation Certification Branch. 15pp. 27477:306.

B411130348 Application for Rev 7 to Certificate of Compliance 9073. W/two oversize drawings. Aperture cards available in PDR. Fee paid. POWELL, R. H. NUS Corp. 84/10/15. MACDONALD, C. E. Transportation Certification Branch. 13pp. 27478:012.

B411140503 Requests that B41005 application for amend to Certificate of Compliance 9073 be withdrawn. Requests one-time variance to transport Model OH-142 to NBS. TEMUS, C. J. Nuclear Packaging, Inc. 84/10/15. MACDONALD, C. E. Transportation Certification Branch. 1p. 27546:335.

B411140284 Requests registration as user of Model OH-142. BRONS, J. C. Power Authority of the State of New York. 84/10/19. Division of Fuel Cycle & Material Safety. 2pp. 27525:167.

B411070259 Notification of registration as user of Models OH-142, OH-142MKI, OH-142 MKIB, OH-142 MKII & NUS 10-135, in response to B41019 request. MACDONALD, C. E. Transportation Certification Branch. 84/10/26. GREENMAN, W. G. Power Authority of the State of New York. 1p. 27388:243.

B411260078 Forwards Rev 8 to Certificate of Compliance 9073 for Models OH-142, OH-142 MKI, OH-142 MKIB, OH-142 MKII & NUS 10-135. MACDONALD, C. E. Transportation Certification Branch. 84/11/14. VOIT, R. E. NUS Corp. 2pp. 27647:160.

--B411260088 Certificate of Compliance 9073, Rev 8, for Models OH-142, OH-142 MKI, OH-142 MKIB, OH-142 MKII & NUS 10-135. MACDONALD, C. E. Transportation Certification Branch. 84/11/14. 5pp. 27647:162.

DOCKET 71-9079 MODEL: HN-100, SERIES 2 & 2A, HITTMAN NUCLEAR

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp. 27457:166.

DOCKET 71-9080 MODEL: HN-600, NUPAC 7-100 & CNS 7-100, HITTMAN NUCLEAR

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp.

DOCKET 71-9081 MODEL: CNS 1-13C, CHEM-NUCLEAR SYSTEMS, INC.

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp.

DOCKET 71-9086 MODEL: HN-100, SERIES 1, HITTMAN NUCLEAR

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp.

DOCKET 71-9089 MODEL: HN-100S, HITTMAN NUCLEAR & DEVELOPMENT CORP.

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp.

DOCKET 71-9094 MODEL: CNS 14-195-H, CHEM-NUCLEAR SYSTEMS, INC.

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp.

B411070244 Notification of registration as user of Models CNS 8-120, CNS 14-195-H, CNS 6-80-2, CNS 6-80-2A, NUPAC 14/210L & NUPAC 14/210H, in response to B40911 request. MACDONALD, C. E. Transportation Certification Branch. 84/10/29. BEILKE, R. L. Nebraska Public Power District. 1p. 27388:270.

DOCKET 71-9096 MODEL: CNS 21-300, CHEM-NUCLEAR SYSTEMS, INC.

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp.

DOCKET 71-9105 MODEL: RAD-WASTE CR. I, CHEM-NUCLEAR SYSTEMS, INC.

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp.

DOCKET 71-9108 MODEL: CNS 6-75, CHEM-NUCLEAR SYSTEMS, INC.

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp.

DOCKET 71-9111 MODEL: CNS 6-80-2 & CNS 6-80-2A, CHEM-NUCLEAR SYS, INC.

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp.

B411130412 Requests registration as user of Model CNS-6-80-2. Address for future correspondence listed. LACEY, W. S. Duquesne Light Co. 84/10/25. MACDONALD, C. E. Transportation Certification Branch. 2pp. 27472:040.

B411070244 Notification of registration as user of Models CNS 8-120, CNS 14-195-H, CNS 6-80-2, CNS 6-80-2A, NUPAC 14/210L & NUPAC 14/210H, in response to B40911 request. MACDONALD, C. E. Transportation Certification Branch. 84/10/29. BEILKE, R. L. Nebraska Public Power District. 1p. 27388:270.

DOCKET 71-9128 MODEL: C-8, GAMMA INDUSTRIES

B411130327 Notification of registration as user of Model C-8, in response to B40925 request. MACDONALD, C. E. Transportation Certification Branch. 84/10/31. GARRISON, R. F. Energy, Dept. of. 1p. 27463:295.

DOCKET 71-9137 MODEL: 820, TECHNICAL OPERATIONS, INC.

B411130545 Application for renewal of Certificate of Compliance 9137 for Model 820 package. Fee paid. MUNRO, J. J. Tech/Ops. 84/10/19. MACDONALD, C. E. Transportation Certification Branch. 2pp. 27472:115.

DOCKET 71-9151 MODEL: HN-100 SERIES 3, HITTMAN NUCLEAR

B411120442 Provides address change for future revs to certificates of compliance. WOODARD, J. D. Alabama Power Co. 84/10/17. MACDONALD, C. E. Transportation Certification Branch. 3pp. 27457:166.

B411020515 Notification of registration as user of Models HN-100 Series 3, CNS 14-170 III & NUS 14-170 I, in response to B40831 request. MACDONALD, C. E. Transportation Certification Branch. 84/10/25. Consolidated Edison Co. of New York, Inc. 1p. 27261:300.

B411030264 Notification of registration as user of Models HN-100 Series 3, CNS 14-170 III & NUS 14-170 I, in response to B41031 request. MACDONALD, C. E. Transportation Certification Branch. 84/10/25. MORRIS, K. J. Omaha Public Power District. 1p. 27309:333.

DOCKETED ITEMS

841120243 Requests registration as user of Model HN-100, Series 3, CNV 14-170, Series III & NUS 14-170, Series I for future correspondence listed.
DIEDERICH, G. J. Commonwealth Edison Co. 84/10/26. MACDONALD, C. E. Transportation Certification Branch. 2pp. 27617:325.

DOCKET 71-9168 MODEL: CNS 8-120B, CHEM-NUCLEAR SYSTEMS, INC.

8411010162 Forwards request for addl info re 820930 application for amend to Model CNS 8-120B. NRC should be informed within 30 days from date of ltr when info will be provided.
MACDONALD, C. E. Transportation Certification Branch. 84/10/23.
POPPE, L. K. Chem-Nuclear Systems, Inc. 3pp. 27271:322.

DOCKET 71-9176 MODEL: NUPAC 14/210L & 14/210H, NUCLEAR PACKAGING, INC.

8411020107 Notification of registration as user of Models AP-101, NUPAC 14/210L & NUPAC 14/121 OH in response to 841003 request.
MACDONALD, C. E. Transportation Certification Branch. 84/10/25.
Virginia Electric & Power Co. 1p. 27262:362.

8411070244 Notification of registration as user of Models CNS 8-120, CNS 14-195-H, CNS 4-80-2, CNS 4-80-2A, NUPAC 14/210L & NUPAC 14/210H in response to 840911 request.
MACDONALD, C. E. Transportation Certification Branch. 84/10/29.
BEILKE, R. L. Nebraska Public Power District. 1p. 27388:270.

DOCKET 71-9183 MODEL: NAC-1, NUCLEAR ASSURANCE CORP.

8411130312 Application for amend to Certificate of Compliance 9183, allowing use of NAC-1 D cask w/full neutron shield tanks until 841231 to complete in-progress waste shipping program before tanks drained.
DANESE, F. L. Nuclear Assurance Corp. 84/10/22. MACDONALD, C. E. Transportation Certification Branch. 2pp. 27480:066.

8411130559 Requests registration as user of Model NAC-1.
KANGLEY, J. P. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). KANGLEY, J. P. Northeast Utilities. 84/10/23.
MACDONALD, C. E. Transportation Certification Branch. 1p. 27472:061.

8411010422 Notifies of amend to Certificate of Compliance 9183 for Model NAC-1. Approval record encl.
MACDONALD, C. E. Transportation Certification Branch. 84/10/24.
JOHNSON, C. R. Nuclear Assurance Corp. 2pp. 27265:311.

8411150280 Requests registration as user of Model NAC-1. Address for correspondence & texts re licensed transport casks revised.
EBENHACK, D. G. Chem-Nuclear Systems, Inc. 84/10/24. MACDONALD, C. E. Transportation Certification Branch. 2pp. 27530:298.

8411210402 Forwards Rev 3 to Certificate of Compliance 9183 for Model NAC-1.
MACDONALD, C. E. Transportation Certification Branch. 84/11/14.
JOHNSON, C. R. Nuclear Assurance Corp. 1p. 27626:066.

--8411210407 Certificate of Compliance 9183, Rev 3, for Model NAC-1.
MACDONALD, C. E. Transportation Certification Branch. 84/11/14.
4pp. 27626:067.

DOCKET 71-9186 MODEL: 8-6213, ENERGY, DEPT. OF

8411140322 Forwards Rev 2 to "SAR UX-30/NP." Affidavit requesting withholding proprietary rept from public disclosure per 10CFR2.790 encl.
TEMUS, C. J. Nuclear Packaging, Inc. 84/10/24. MACDONALD, C. E. Transportation Certification Branch. 4pp. 27526:131.

--8411140326 Rev 2 to "SAR UX-30/NP."
* Nuclear Packaging, Inc. 84/10/24. 144pp. 27526:135.

DOCKET 71-9192 MODEL: AP-300, ANEFCO, INC.

8411130700 Forwards request for addl info re 840501, 0731 & 0803 applications for approval of Model AP-300 Type A packaging & date when info will be provided within 30 days.
MACDONALD, C. E. Transportation Certification Branch. 84/11/01.
MURPHY, J. D. Anefco, Inc. 3pp. 27463:330.

DOCKET 71-9193 MODEL: NES-5, NUCLEAR ENERGY SERVICES, INC.

8411210376 Requests addl info re 840618 application for approval of Model NES-5. Documentation of drawing revs, shielding analysis & omitted structural items should be provided.
MACDONALD, C. E. Transportation Certification Branch. 84/11/14.
MAY, J. R. Nuclear Energy Services, Inc. 2pp. 27617:103.

DOCKET 71-9853 MODEL: ORNL, BNL & NBS UNIR. CONT., ENERGY, DEPT. OF

8411030247 Forwards Rev 4 to Certificate of Compliance 9853 for Model ORNL-BNL-NBS.
MACDONALD, C. E. Transportation Certification Branch. 84/10/25.
GARRISON, R. F. Energy, Dept. of. 2pp. 27309:319.

--8411030252 Certificate of Compliance 9853, Rev 4, for Model ORNL-BNL-NBS.
MACDONALD, C. E. Transportation Certification Branch. 84/10/25.
4pp. 27309:321.

DOCKET 71-9860 MODEL: DT-14A, ENERGY, DEPT. OF

8411020355 Forwards Oak Ridge Y-12 Plant Procedure 10-041, "DT-14A Fissile Radioactive Matl Shipping Container Packing Instructions," per NRC request for addl info re 840327 application for certificate of compliance for DOE-DT-14A.
GARRISON, R. T. Energy, Dept. of. 84/10/15. MACDONALD, C. E. Transportation Certification Branch. 2pp. 27261:349.

--8411020357 Oak Ridge Y-12 Plant Procedure 10-041, "DT-14A Fissile Radioactive Matl Shipping Container Packing Instructions."
* Martin Marietta Corp. 84/09/10. 6pp. 27261:351.

8411130084 Forwards Rev 0 to Certificate of Compliance 9860 for Model DT-14A.
MACDONALD, C. E. Transportation Certification Branch. 84/10/31.
GARRISON, R. F. Energy, Dept. of. 1p. 27478:109.

--8411130087 Certificate of Compliance 9860, Rev 0, for Model DT-14A.
Approval record encl.
MACDONALD, C. E. Transportation Certification Branch. 84/10/31.
6pp. 27478:110.

DOCKET 71-9932 MODEL: UC-609, ENERGY, DEPT. OF

8411080276 Advises that Certificate of Compliance 9932, Rev 1 for Model UC-609 expired on 840930.
MACDONALD, C. E. Transportation Certification Branch. 84/10/26.
JACKSON, C. D. Energy, Dept. of. 1p. 27403:351.

LICENSING OF INDEPENDENT SPENT FUEL STORAGE

DOCKET 72-0001 MORRIS OPERATIONS, GENERAL ELECTRIC CO.

8411010481 Forwards schedule for series of 109 shipments of irradiated PWR nuclear fuel from Morris Operation in Morris, IL to Wisconsin Electric Power Co at Two Rivers, WI. Encl withheld (ref 10CFR73.21)
SCHMID, S. P. General Electric Co. 84/09/21. HILLMAN, C. R. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 27265:073.

DOCKET 72-0002 VIRGINIA ELECTRIC & POWER CO.

8411150295 Forwards revised security plan for dry cask ISFSI. Plan withheld (ref 10CFR73.21).
STEWART, A. L. Virginia Electric & Power Co. 84/08/13.
CUNNINGHAM, R. E. Office of Nuclear Material Safety & Safeguards, Director. BROWN, M. B. Materials Licensing Branch. 2pp. 27530:292. 24X Fiche: 50-280, 84/08/13. 8411150295.

8411130027 Summary of 841024 meeting w/Bechtel in Gaithersburg, MD re bases for util 840921 response to NRC questions re radiological impacts of ISFSI. List of attendees encl.
STURZ, F. Advanced Fuel & Spent Fuel Licensing Branch. 84/10/31.
ROUSE, L. C. Advanced Fuel & Spent Fuel Licensing Branch. 7pp. 27481:336. 24X Fiche: 50-280, 84/10/31. 8411130027.

8411200174 Forwards request for addl info re radiological dose calculations for proposed ISFSIs.
ROUSE, L. C. Advanced Fuel & Spent Fuel Licensing Branch. 84/11/14.
STEWART, W. L. Virginia Electric & Power Co. 2pp. 27597:360. 24X Fiche: 50-280, 84/11/14. 8411200174.

NONDOCKETED ITEMS

10CFR COMMISSION MEETING RECORDS

- 8411010027 Staff requirements memo re 841016 discussion of GA rept to Congress in Washington, DC. Long-term analysis of concept of third-party audits requested. CHILK, S. J. Office of the Secretary of the Commission. MB41016B. 84/10/19. DIRCKS, W. J. Office of the Executive Director for Operations. 2pp. 27266:338.
- 8411010290 Transcript of Commission 841016 meeting in Washington, DC to discuss GA rept to Congress. Pp 1-107. Supporting documentation encl. * Commissioners. 84/10/16. 117pp. 27264:171.
- 8411020120 Staff requirements memo re Commission 841017 meeting in Washington, DC directing NRC policy statement which authorizes INPD & NUMARC to proceed for 2 yrs w/initiatives on fitness for duty & training accreditation programs. CHILK, S. J. Office of the Secretary of the Commission. MB41017. 84/10/24. DIRCKS, W. J. Office of the Executive Director for Operations. PLAINE, H. E. Office of the General Counsel. ZERBE, J. E. Office of Policy Evaluations. 2pp. 27262:287.
- 8411020124 Staff requirements memo re Commission 841022 briefing in Washington, DC re status of near-term OLs & Asselstine request for info on status of operator training & operator exams. CHILK, S. J. Office of the Secretary of the Commission. MB41022. 84/10/24. DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27262:286. 24X Fiche: 50-000, 84/10/24, 8411020124.
- 8411030290 Transcript of 841022 public meeting in Washington, DC re status of near-term OL. Pp 1-77. * Commissioners. 84/10/22. 78pp. 27309:240.
- 8411030543 Transcript of 841024 affirmation/discussion & vote in Washington, DC re SECY 84-398, "Jacksonians United for Believable Energy Policy vs NRC." Pp 1-5. * Commissioners. 84/10/24. 7pp. 27289:305. 24X Fiche: 50-416, 84/10/24, 8411030543.
- 8411030665 Transcript of 841017 public meeting in Washington, DC re discussion w/staff on fitness for duty, training & requirements for senior managers. Pp 1-74. Supporting documentation encl. * Commissioners. 84/10/17. 80pp. 27289:114.
- 8411030718 Transcript of 841023 public meeting in Washington, DC re discussion of proposed rule on emergency planning & seismic events. Pp 1-39. * Commissioners. 84/10/23. 60pp. 27289:032.
- 8411060434 Transcript of 841102 joint meeting w/ACRS in Washington, DC re severe accident policy statement. Pp 1-69. Related documentation encl. * Commissioners. * ACRS - Advisory Committee on Reactor Safeguards. 84/11/02. 83pp. 27597:200.
- 8411060489 Staff requirements memo re 841016 discussion of key issues re Indian Point adjudicatory proceeding in Washington, DC. Draft decision on key issues requested w/further consideration concerning emergency preparedness. CHILK, S. J. Office of the Secretary of the Commission. MB41016A. 84/10/25. DIRCKS, W. J. Office of the Executive Director for Operations. ZERBE, J. E. Office of Policy Evaluations. PLAINE, H. E. Office of the General Counsel. 3pp. 27384:095. 24X Fiche: 50-247, 84/10/25, 8411060489.
- 8411060499 Staff requirements memo re 841024 affirmation/discussion & vote in Washington, DC re Jacksonians United for Livable Energy Policies vs NRC (SECY-84-398). Order directing replacement of license amend for full power approved. CHILK, S. J. Office of the Secretary of the Commission. MB41024. 84/10/25. DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27384:106. 24X Fiche: 50-416, 84/10/25, 8411060499.
- 8411130313 Staff requirements memo clarifying 841019 memo re GA rept to Congress. Corrected paragraph submitted showing that disapproved initiative directed only at operating reactor & would not preclude initiative for plant under const. CHILK, S. J. Office of the Secretary of the Commission. MB41016B. 84/11/02. DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27480:065.
- 8411130704 Staff requirements memo re 841101 affirmation/discussion & vote in Washington, DC on final amends to 10CFR110, expanding authority to export nonsensitive nuclear equipment & minor quantities of nuclear matl. FR notice should be revised. CHILK, S. J. Office of the Secretary of the Commission. MB41101. 84/11/05. DIRCKS, W. J. Office of the Executive Director for Operations. 11pp. 27463:353.
- 8411160053 Staff requirements memo re briefing/possible vote in Washington, DC on UCS 10CFR2.206 petition on TMI-1 emergency feedwater sys not seismically qualified at time of TMI-2 accident. CHILK, S. J. Office of the Secretary of the Commission. MB41104. 84/11/09. DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27565:361. 24X Fiche: 50-289, 84/11/09, 8411160053.
- 8411160101 Staff requirements memo re 841102 meeting w/ACRS in Washington, DC re proposed policy statement on severe accidents & recommendations on draft policy statement contained in ACRS 840718 rept to Commission. CHILK, S. J. Office of the Secretary of the Commission. MB41102. 84/11/08. FRALEY, R. F. ACRS - Advisory Committee on Reactor Safeguards. 1p. 27568:356.
- 8411160169 Staff requirements memo re 841107 discussion in Washington, DC on cleanup schedule & funding. CHILK, S. J. Office of the Secretary of the Commission. MB41107. 84/11/07. Office of the Secretary of the Commission. 1p. 27561:359. 24X Fiche: 50-320, 84/11/07, 8411160169.
- 8411160176 Revised staff requirements memo correcting Item 4 in 841023 staff requirements memo re continuation of 841016 discussion on Indian Point adjudicatory proceeding. CHILK, S. J. Office of the Secretary of the Commission. MB41016A. 84/11/07. DIRCKS, W. J. Office of the Executive Director for Operations. ZERBE, J. E. Office of Policy Evaluations. PLAINE, H. E. Office of the General Counsel. 1p. 27561:358. 24X Fiche: 50-003, 84/11/07, 8411160176.
- 8411160194 Transcript of 841101 affirmation/discussion & vote in Washington, DC on SECY-84-364, "Export & Import of Nuclear Equipment & Matl." Pp 1-3. * Commissioners. 84/11/01. 6pp. 27565:335.
- 8411200033 Transcript of 841105 public meeting in Washington, DC re discussion on requirements for senior managers outlined in SECY 84-335. Pp 1-67. * Commissioners. 84/11/05. 47pp. 27588:235.
- 8411210160 Transcript of Commission 841107 public meeting in Washington, DC re TMI-2 cleanup schedule & funding. Pp 1-77. Supporting documentation encl. * Commissioners. 84/11/07. 147pp. 27625:106. 24X Fiche: 50-320, 84/11/07, 8411210160.
- 8411280294 Staff requirements memo re 841010 discussion of proposed rule on decommissioning nuclear facilities. Commissioner Asselstine requested analysis of legal implications of various approaches to funding. CHILK, S. J. Office of the Secretary of the Commission. MB41010. 84/10/17. DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27681:272.
- 8411280343 Transcript of 841115 affirmation/discussion & vote in Washington, DC on SECY-84-415 re mgt issues in TMI-1 restart proceeding. Pp 1-3. * Commissioners. 84/11/15. 7pp. 27675:313. 24X Fiche: 50-289, 84/11/15, 8411280343.

NONDOCKETED ITEMS

8411280359 Transcript of Commission 841113 meeting in Washington, DC re ANS rept on radioactive source terms. Pp 1-104. Supporting documentation encl.
* Commissioners. 84/11/13. 162pp. 27681:108.

8411280592 Staff requirements memo re 841105 discussion in Washington, DC on postponement of action on rulemaking on senior managers & on policy statement concerning engineering expertise on shift.
CHILK, S. J. Office of the Secretary of the Commission. MB41105. 84/11/19. DIRCKS, W. J. Office of the Executive Director for Operations. 2pp. 27682:055.

ACRS ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

8411050311 Transcript of ACRS 295th general meeting on 841101 in Washington, DC. Pp 1-220. Supporting documentation encl. W/one oversize drawing. Aperture card available in PDR.
* ACRS - Advisory Committee on Reactor Safeguards. 84/11/01. 361pp. 27299:001.

8411060349 Transcript of ACRS 295th general meeting on 841102 in Washington, DC. Pp 1-41. Supporting documentation encl.
* ACRS - Advisory Committee on Reactor Safeguards. 84/11/02. 61pp. 27321:227.

8411060434 Transcript of 841102 joint meeting w/ACRS in Washington, DC re severe accident policy statement. Pp 1-69. Related documentation encl.
* Commissioners. * ACRS - Advisory Committee on Reactor Safeguards. 84/11/02. 85pp. 27597:200.

8411140183 Transcript of ACRS Subcommittee on Metal Components & Combination of Dynamic Loads 841108 meeting in Washington, DC. Pp 1-333. Viewgraphs encl.
* ACRS - Advisory Committee on Reactor Safeguards. 84/11/08. 410pp. 27465:001.

8411140201 Transcript of ACRS Subcommittee on Metal Components & Combination of Dynamic Loads 841109 meeting in Washington, DC. Pp 334-472. Supporting documentation encl.
* ACRS - Advisory Committee on Reactor Safeguards. 84/11/09. 175pp. 27466:147.

8411160101 Staff requirements memo re 841102 meeting w/ACRS in Washington, DC re proposed policy statement on severe accidents & recommendations on draft policy statement contained in ACRS 840718 rept to Commission.
CHILK, S. J. Office of the Secretary of the Commission. MB41102. 84/11/08. FRALEY, R. F. ACRS - Advisory Committee on Reactor Safeguards. 1p. 27565:356.

8411160161 Transcript of ACRS Subcommittees on Reactor Operations & Reliability & Probability Assessment 841114 meeting in Washington, DC. Pp 1-238. Supporting documentation encl.
* ACRS - Advisory Committee on Reactor Safeguards. 84/11/14. 330pp. 27541:215.

COMMISSION NRC COMMISSIONERS

8411050445 Responds to 841005 ltr re suggested issues for Commission consideration concerning facility. Hearing should not be reopened to permit litigation on effects of earthquakes on emergency planning. Served on 841102.
PALLADINO, N. J. Commissioners. #484 887. OL. 84/10/31. PATTERSON, J. House of Rep. 2pp. 27297:223. 24X Fiche: 50-275, 84/10/31, 8411050445.

--8411050449 Requests consideration of author suggestions presented at Congressional hearing re reopening of hearing record to permit litigation of complicating effects of earthquakes on emergency planning. SECY tracking responses requested.
ASSELSTINE, J. K. Commissioners. OL. 84/09/07. PALLADINO, ROBERTS Commissioners. 2pp. 27297:225. 24X Fiche: 50-275, 84/10/31, 8411050445.

--8411050460 Expresses thanks for NRC participation in House Subcommittee on Energy & Environ Diablo Canyon 840830 oversight hearing. NRC should address Commissioner Assestine concerns re opening of proceeding record for further litigation.
PATTERSON, J., PANETTA, L. E. House of Rep. OL. 84/10/05. PALLADINO, N. Commissioners. 3pp. 27297:227. 24X Fiche: 50-275, 84/10/31, 8411050445.

8411050456 Comments on Commissioner Assestine testimony before field oversight hearing in San Luis Obispo, CA. Served on 841102.
PALLADINO, N. J. Commissioners. #484 888. OL. 84/10/31. PATTERSON, J., PANETTA, L. E. House of Rep. 2pp. 27297:344. 24X Fiche: 50-275, 84/10/31, 8411050456.

8411050558 Weekly info rept for wk ending 841019.
REHM, T. A. Office of the Executive Director for Operations. 84/10/25. 35pp. 27310:277.

8411080655 Forwards "Intl Perspective on Equity Issues Involving Involuntary & Catastrophic Risks of Coal & Nuclear Fuel Options" & Excerpts From Rand Study That Characterize Causes & Magnitudes of Uncertainty for Air Pollution...."
DIRCKS, W. J. Office of the Executive Director for Operations. 84/10/29. PALLADINO, ROBERTS, ASSELSTINE Commissioners. 2pp. 27406:169.

--8411080656 "Intl Perspective on Equity Issues Involving Involuntary & Catastrophic Risks of Coal & Nuclear Fuel Options."
SPANGLER, M. B. Assistant Director for Policy Review. 84/10/29. 35pp. 27406:171.

--8411080658 "Excerpts From Rand Study That Characterize Causes & Magnitudes of Uncertainty for Air Pollution Risks of Using Coal to Generate Electricity."
SPANGLER, M. B. NRC - No Detailed Affiliation Given. 84/10/04. 9pp. 27406:206.

8411130075 Clarifies views stated in 841015 staff requirements memo re periodic meeting w/ACRS. ACRS should reconsider function in area of accident review & analysis, in lieu of objectives of Natl Transportation Safety Board.
BERNTHAL, F. M. Commissioners. 84/11/01. DIRCKS, W. J. Office of the Executive Director for Operations. FRALEY, R. F. ACRS - Advisory Committee on Reactor Safeguards. 1p. 27481:335.

8411130085 Weekly info rept for wk ending 841026.
REHM, T. A. Office of the Executive Director for Operations. 84/11/02. 34pp. 27481:296.

8411130614 Registers disagreement w/Commissioner Assestine comments at field oversight hearing. Assestine comments re NRC preoccupation w/avoiding licensing delays & suggestion that NRC has lost sight of mission disputed for record.
PALLADINO, N. J. Commissioners. 84/10/31. PATTERSON, J. House of Rep. 2pp. 27471:324. 24X Fiche: 50-275, 84/10/31, 8411130614.

8411140581 Forwards response to 840807 inquiry re Commission review of cost considerations under Atomic Energy Act. General counsel & staff directed to identify when cost associated w/proposed new requirement can be considered.
PALLADINO, N. J. Commissioners. 84/10/31. MARKEY, E. J. House of Rep., Interior & Insular Affairs. 16pp. 27527:056.

--8411140583 Requests response to questions to clarify whether agency decisions made since 1979 are at variance w/legal limitations formally defined by NRC general counsel.
MARKEY, E. J. House of Rep., Interior & Insular Affairs. 84/08/07. PALLADINO, N. J. Commissioners. 5pp. 27527:226.

8411150120 Responds to 841025 request for Commission views on whether public interest would be better served by continuing to maintain confidentiality of plant transcripts. Confidentiality should be maintained.
PALLADINO, N. J. Commissioners. 84/10/29. MARKEY, E. House of Rep., Interior & Insular Affairs. 5pp. 27543:286. 24X Fiche: 50-275, 84/10/29, 8411150120.

8411150285 Forwards responses to recommendations contained in GAO rept, "Audits of Federal Programs: Reasons for Disparity Between Costs Questioned by Auditors & Amounts Agencies Disallow" (GAO/AFMD-84-7).
ROBERTS, T. M. Commissioners. 84/10/26. ROTH, W. V. Senate, Governmental Affairs. 4pp. 27530:294.

8411160012 Forwards rept to Congress on ADs (NUREG-0090, Vol 7, Number 2) for Second Quarter CY84. Rept contains one AD for licensed nuclear reactor, one AD re therapeutic medical misadministration & AD update info.
PALLADINO, N. J. Commissioners. 84/11/08. O'NEILL, T. P. House of Rep., Speaker of the House. BUSH, G. Senate, President of the Senate. 1p. 27565:362.

--8411160013 Forwards FR notice, ltrs to Congress & NUREG-0090, Vol 7, Number 2, "Rept to Congress on ADs." W/o encl.
DIRCKS, W. J. Office of the Executive Director for Operations. 84/11/01. CHILK, S. J. Office of the Secretary of the Commission. 1p. 27565:363.

8411160450 Weekly info rept for wk ending 841102.
REHM, T. A. Office of the Executive Director for Operations. 84/11/08. Commissioners. 41pp. 27566:890.

NONDOCKETED ITEMS

353

8411210074 Ack receipt of UCS supplemental petition for emergency & remedial action. UCS should file facility-specific info re Requests 7 & 8 concerning mods of CPs & deferral of issuance of OLS.
PALLADINO, N. J. Commissioners. 84/11/05. WEISS, E. R. Harmon, Weiss & Jordan. 2pp. 27625:021.

--8411210080 Forwards audit results, per SANL 831212 statements that NRC applies pressure on natl labs for research not to impact licensing issue resolution & previous licensing decisions. No need for policy changes exists.
MESSENGER, G. H. Office of Inspector & Auditor. 84/08/23.
PALLADINO, ROBERTS, ASSELSTINE Commissioners. 13pp. 27625:038.

8411210178 Responds to 841026 ltr on Commission decision re earthquakes & emergency planning. Transcripts leading to decision may be withheld under Exemption 10 of Sunshine Act. Commission believes transcripts should not be publicly released.
PALLADINO, N. J. Commissioners. 84/11/09. OTTINGER, R. L. House of Rep., Energy & Commerce. 3pp. 27624:344. 24X Fiche: 50-275, 84/11/09, 8411210178.

--8411210183 Requests Commission review & correct misrepresentations contained in 841016 brief for respondents & release transcripts & supporting documents provided in 840925 response to subcommittee.
OTTINGER, R. L. House of Rep., Energy & Commerce. 84/10/26.
PALLADINO, N. J. Commissioners. 3pp. 27624:347. 24X Fiche: 50-275, 84/11/09, 8411210178.

8411210275 Forwards rept of nondisclosure of safeguards info by NRC for quarter ending 840930.
PALLADINO, N. J. Commissioners. 84/11/08. O'NEILL, T. P. House of Rep., Speaker of the House. 4pp. 27617:290.

8411260003 Clarifies position on staff & Commission knowledge re Hartman allegation investigation.
GILINSKY, V. Commissioners. 83/11/04. MARKEY, E. House of Rep., Interior & Insular Affairs. 2pp. 27651:126. 24X Fiche: 50-289, 83/11/04, 8411260003.

8411260007 Mandates clear & complete response to 830801 ltr re Hartman allegation investigation. All staff communications w/ Commission must be in explicit & clear English.
UDALL, M. K., MARKEY, E. J. House of Rep., Interior & Insular Affairs. 83/11/08. PALLADINO, N. Commissioners. 4pp. 27651:128. 24X Fiche: 50-289, 83/11/08, 8411260007.

8411260027 Comments on necessary schedule for Commission action re util capability to meet terms set by PUC of CA, per 840711 request. Util characterization of schedules reasonable.
DIRCKS, W. J. Office of the Executive Director for Operations. 84/11/15. PALLADINO Commissioners. 4pp. 27647:173. 24X Fiche: 50-206, 84/11/15, 8411260027.

--8411260036 Requests views on Commission schedule for action re util capability to meet terms set by PUC of CA. Votes on listed issues re restart also requested.
PALLADINO, N. J. Commissioners. COMNP 84-45. 84/11/07. ROBERTS, ASSELSTINE, BERNTHAL Commissioners. 2pp. 27647:177. 24X Fiche: 50-206, 84/11/15, 8411260027.

8411260243 Responds to 831108 ltr re communications between staff & Commission about conclusions arising from investigation of Hartman allegations. List of applicable documents encl.
PALLADINO, N. J. Commissioners. 84/02/06. UDALL, M. K. House of Rep., Interior & Insular Affairs. MARKEY, E. House of Rep. 10pp. 27651:353. 24X Fiche: 50-289, 84/02/06, 8411260243.

8411260245 Advises of actions taken in response to 831017 ltr re substance of "Ornstein Draft" within context of Hartman allegation inquiry. Substance not included in special inquiry group rept due to time constraints.
PALLADINO, N. J. Commissioners. 83/12/30. UDALL, M. K. House of Rep., Interior & Insular Affairs. 4pp. 27651:337. 24X Fiche: 50-289, 83/12/30, 8411260245.

8411260453 Weekly info rept for wk ending 841109.
REHM, T. A. Office of the Executive Director for Operations. 84/11/16. 38pp. 27645:304.

8411290081 Weekly info rept for wk ending 841116.
REHM, T. A. Office of the Executive Director for Operations. 84/11/23. 31pp. 27692:219.

8411290174 Responds to FOIA request for documents generated or received by NRC since 820331 re Hayward Tyler Pump Co. Forwards documents in App A. Portions withheld (ref FOIA Exemptions 6 & 7(c)).
FELTON, J. M. Division of Rules and Records. 84/05/14. LODGE, B. Dallas Morning News, Dallas, TX. 3pp. 27698:178.

--8411290179 Forwards documents requested in 830607 & 10 ltrs. Requests documents be withheld.
PALLADINO, N. J. Commissioners. 83/06/17. MARKEY, E. J. House of Rep., Interior & Insular Affairs. 2pp. 27698:182.

CONTRACT NRC CONTRACTS AND MODIFICATIONS

8411010191 Notification of contract execution, Mod 1, to "NRC Region IV Data Entry Svcs." Contractor: AIC Analyst Corp.
FIELDS, J. A. Administrative Contracts Branch. NRC-33-84-383. 84/08/17. BASSETT, H. S. Division of Data Automation & Management Information. KAY, B. NRC - No Detailed Affiliation Given. 1p. 27265:353

--8411010195 Ltr contract NRC-33-84-383, Mod 1, defining date, to "NRC Region IV Data Entry Svcs."
MATTIA, M. J. Division of Contracts. NRC-33-84-383. 84/08/17. DOHERTY, M. AIC Analysts Corp. 2pp. 27265:354.

8411010297 Notification of contract execution: "NRC Issuances & Indexes," awarded to Herner & Co.
BAZIN, J. P. Administrative Contracts Branch. NRC-10-85-211. 84/10/03. BESAW, W. J. Division of Technical Information & Document Control. LARKINS, P. M. NRC - No Detailed Affiliation Given. 1p. 27264:019.

--8411010301 Contract: "NRC Issuances & Indexes," awarded to Herner & Co.
HERNER, S. Herner & Co. HAGAN, T. F. Division of Contracts. NRC-10-85-211. 84/10/03. 140pp. 27264:020.

8411020079 Notification of contract execution, Mod 4, to "Region V Data Entry Svcs." Contractor: SBA Subcontractor: Phoenix Intl.
PERLMAN, J. Administrative Contracts Branch. NRC-33-83-467. 84/09/30. BASSETT, H. S. Division of Data Automation & Management Information. ZOLLICOFFER, J. NRC - No Detailed Affiliation Given. 1p. 27262:294.

--8411020090 Mod 4, extending period of performance to 850930, to "Region V Data Entry Svcs."
MIMS, R. Small Business Administration. THOMAS, B. T. Phoenix International. WIGGINS, E. Division of Contracts. NRC-33-83-467. 84/09/30. 62pp. 27262:295.

8411020227 Notification of contract execution, Mod 5, to "Region V Data Entry Svcs." Contractor: SBA Subcontractor: Phoenix Intl.
PERLMAN, J. Administrative Contracts Branch. FIN B-8891. NRC-33-83-467. 84/10/16. BASSETT, H. S. Division of Data Automation & Management Information. ZOLLICOFFER, J. NRC - No Detailed Affiliation Given. 1p. 27263:151.

--8411020230 Mod 5, increasing funds, to "Region V Data Entry Svcs." * Small Business Administration. * Phoenix International.
WIGGINS, E. Division of Contracts. FIN B-8891. NRC-33-83-467. 84/10/16. 1p. 27263:152.

8411050559 Notification of contract execution, Mod 2, to "Evaluation of Matl Interactions for Advanced Reactor Sys." Contractor: Aerospace Corp.
SILVIS, R. M. Division of Contracts. FIN B-1130. NRC-03-79-126. 84/10/25. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27310:275.

--8411050560 Mod 2, deobligating funds & incorporating 1979 & 80 final overhead rates, to "Evaluation of Matl Interactions for Advanced Reactor Sys."
DOTSEN, R. M. Aerospace Corp. THOMPSON, R. D. Division of Contracts. FIN B-1130. NRC-03-79-126. 84/10/25. 1p. 27310:276.

8411060235 Notification of contract execution: "Development & Execution of Team Training Guidelines Workshop," awarded to General Physics Corp.
MACE, M. Technical Assistance Contracts Branch. FIN B-8630. NRC-03-84-077. 84/09/27. SOLANDER, L. Planning & Resource Analysis Branch. BUZY, J. NRC - No Detailed Affiliation Given. 1p. 27329:342

--8411060241 Contract: "Development & Execution of Team Training Guidelines Workshop," awarded to General Physics Corp.
WHITNEY, J. W. General Physics Corp. SMITH, P. A. Division of Contracts. FIN B-8630. NRC-03-84-077. 84/09/27. 9pp. 27329:343.

8411070248 Notification of contract execution, Mod 8, to "Evaluation of Matl Accounting Performances at Nuclear Fuel Cycle Facilities." Contractor: Wackenhut Advanced Technologies Corp.
GILDENHORN, A. J. Technical Assistance Contracts Branch. NRC-02-83-027. 84/10/11. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. MILLER, M. NRC - No Detailed Affiliation Given. 1p. 27388:246.

NONDOCKETED ITEMS

- 8411070254 Mod B, correcting omission on Mod 7 to change Article III re consideration & payment, to "Evaluation of Matl Accounting Performances at Nuclear Fuel Cycle Facilities."
* NUSAC, Inc. EDGEWORTH, P.J. Division of Contracts.
NRC-02-83-027. 84/10/11. 2pp. 27388:247.
- 8411070308 Notification of contract execution, Mod 6, to "Support Svcs for Research & Evaluation of Severe Accident Phenomenon & Mitigation." Contractor: BMI.
WOLLETT, S. Technical Assistance Contracts Branch. FIN B-7499.
NRC-04-84-127. 84/10/22. BATSON, W. Office of Nuclear Regulatory Research, Director. MEYER, R. NRC - No Detailed Affiliation Given. 1p. 27388:001.
- 8411070310 Mod 6, providing no cost extension to 841031 for Task Orders 2 & 11, to "Support Svcs for Research & Evaluation of Severe Accident Phenomenon & Mitigation."
SWELL, H.M. Battelle Memorial Institute, Columbus Laboratories.
EDGEWORTH, P.J. Division of Contracts. FIN B-7499. NRC-04-84-127. 84/10/22. 1p. 27388:002.
- 8411070340 Notification of contract execution, Mod 2, to "Field Experiment Determinations of Distribution Coefficients of Actinide Elements in Aquatic Environs." Contractor: Columbia Univ.
STEWART, S. Technical Assistance Contracts Branch. NRC-04-81-217. 84/09/27. BATSON, W. Office of Nuclear Regulatory Research, Director. BIRCHARD, G. NRC - No Detailed Affiliation Given. 1p. 27387:353.
- 8411070345 Mod 2, extending period of performance to 841231, to "Field Experiment Determinations of Distribution Coefficients of Actinide Elements in Aquatic Environs."
LEWIS, J.P. Columbia Univ., New York, NY. EDGEWORTH, P.J. Division of Contracts. NRC-04-81-217. 84/09/27. 2pp. 27387:354.
- 8411080004 Notification of contract execution, Mod 3, to "Manual to Define Lower Limits of Detection in Radiological Effluent & Environ Measurements." Contractor: NBS.
WOLLETT, S. Technical Assistance Contracts Branch. FIN B-8615. NRC-03-82-126. 84/09/25. MATTSON, R. Division of Systems Integration (post 811005). MEINKE, W. NRC - No Detailed Affiliation Given. 1p. 27406:036.
- 8411080006 Mod 3, providing no cost extension to 840831, to "Manual to Define Lower Limits of Detection in Radiological Effluent & Environ Measurements."
WISNER, J.W. Commerce, Dept. of, National Bureau of Standards.
EDGEWORTH, P.J. Division of Contracts. FIN B-8615. NRC-03-82-126. 84/09/25. 1p. 27406:037.
- 8411080366 Notification of contract execution, Mod 32, to "Technical Assistance to Support NRC IE Personnel in Investigations of Incidents." Contractor: Parameter, Inc.
WOLLETT, S. Technical Assistance Contracts Branch. FIN B-1302. NRC-05-82-249. 84/10/23. BLAHA, J. Director's Office, Office of Inspection and Enforcement. LAUDEN, W. NRC - No Detailed Affiliation Given. 1p. 27405:358.
- 8411080370 Mod 32, providing incremental funding, to "Technical Assistance to Support NRC IE Personnel in Investigations of Incidents."
* Parameter, Inc. EDGEWORTH, P.J. Division of Contracts. FIN B-1302. NRC-05-82-249. 84/10/23. 1p. 27405:359.
- 8411080389 Notification of contract execution: "Prepare 5-Yr Telecommunications Plan," awarded to SBA Subcontractor: KOH Sys, Inc.
BAZIN, J.P. Administrative Contracts Branch. NRC-10-84-535. 84/09/29. CORLEY, J.H. Division of Facilities & Operations. JONES, J. NRC - No Detailed Affiliation Given. 1p. 27434:209.
- 8411080399 Contract: "Prepare 5-Yr Telecommunications Plan," awarded to SBA Subcontractor: KOH Sys, Inc.
* Small Business Administration. THOMAS, M.E. KOH Systems, Inc. HAGAN, T.F. Administrative Contracts Branch. NRC-10-84-535. 84/09/29. 65pp. 27434:210.
- 8411080451 Notification of contract execution, Mod 2, to "Review of TDI Emergency Diesel Generator." Contractor: JB Heywood.
PAGE, M. Technical Assistance Contracts Branch. FIN B-8699. NRC-03-84-076. 84/10/15. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27416:074.
- 8411080465 Mod 2, deleting FIN B-8691 & substituting FIN B-8699 in lieu thereof, to "Review of TDI Emergency Diesel Generator."
* Heywood, J.B. EDGEWORTH, P.J. Division of Contracts. FIN B-8699. NRC-03-84-076. 84/10/15. 1p. 27416:075.
- 8411080498 Notification of grant execution, Mod 5, to "Study of Effects of Grid Spacers & Blockage on Mist Cooling During LOCA Reflood of PWR." Grantee: Research Foundation of Univ of New York at Stony Brook.
STEWART, S.D. Division of Contracts. FIN G-1001. NRC-0-04-81-014. 84/10/25. BATSON, W. Office of Nuclear Regulatory Research, Director. LEE, R. NRC - No Detailed Affiliation Given. 1p. 27416:013.
- 8411080502 Mod 5, extending period of performance to 850331, to "Study of Effects of Grid Spacers & Blockage on Mist Cooling During LOCA Reflood of PWR."
SAWOSKA, H.J. New York, State Univ. of, Stony Brook, NY. MORTON, K.V. Technical Assistance Contracts Branch. FIN G-1001. NRC-0-04-81-014. 84/10/25. 1p. 27416:014.
- 8411080507 Notification of contract execution: "Application of Task Analysis of Nuclear Power Plant Control Room Crews," awarded to General Physics Corp.
BAIDEN, L. Technical Assistance Contracts Branch. FIN B-8973. NRC-04-84-125. 84/09/25. FOREHAND, W. Office of Nuclear Regulatory Research, Director. JENKINS, J.P. NRC - No Detailed Affiliation Given. 1p. 27408:353.
- 8411080510 Contract: "Application of Task Analysis of Nuclear Power Plant Control Room Crews," awarded to General Physics Corp.
* General Physics Corp. SMITH, P.A. Division of Contracts. FIN B-8973. NRC-04-84-125. 84/09/25. 4pp. 27408:354.
- 8411080519 Notification of contract execution: "Telecommunications Evaluation of NRC Regions II Through V," awarded to SBA Subcontractor: KOH Sys, Inc.
BAZIN, J.P. Administrative Contracts Branch. NRC-10-84-537. 84/09/29. CORLEY, J.H. Division of Facilities & Operations. KELLAM, T. NRC - No Detailed Affiliation Given. 1p. 27408:226.
- 8411080522 Contract: "Telecommunications Evaluation of NRC Regions II Through V," awarded to SBA Subcontractor: KOH Sys, Inc.
* Small Business Administration. NOTTING, R.D. KOH Systems, Inc. IVORY, B.J. Division of Contracts. NRC-10-84-537. 84/09/29. 68pp. 27408:227.
- 8411080548 Notification of contract execution, Mod 2, to "Technical Assistance for Support of Const Appraisal Team Insps." Contractor: Parameter, Inc.
PAGE, M. Technical Assistance Contracts Branch. FIN B-8718. NRC-05-84-152. 84/10/22. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. PHILLIPS, H. NRC - No Detailed Affiliation Given. 1p. 27407:112.
- 8411080553 Mod 2, increasing funding, to "Technical Assistance for Support of Const Appraisal Team Insps."
* Parameter, Inc. EDGEWORTH, P.J. Division of Contracts. FIN B-8718. NRC-05-84-152. 84/10/22. 1p. 27407:113.
- 8411090071 Notification of contract execution, Mod 31, to "Technical Assistance to Support NRC IE Personnel in Investigations of Incidents." Contractor: Parameter, Inc.
WOLLETT, S. Technical Assistance Contracts Branch. FIN B-1302. NRC-05-82-249. 84/10/19. BLAHA, J. Director's Office, Office of Inspection and Enforcement. LAUDEN, W. NRC - No Detailed Affiliation Given. 1p. 27424:270.
- 8411090079 Mod 31, issuing Task Order 72 re preparation of thermal power program for C-E reactors, to "Technical Assistance to Support NRC IE Personnel in Investigations of Incidents."
LOFV, R.A. Parameter, Inc. EDGEWORTH, P.J. Division of Contracts. FIN B-1302. NRC-05-82-249. 84/10/19. 4pp. 27424:271.
- 8411090487 Notification of contract execution, Mod 1, to "Update of Part 61 - Impact Analysis Methodology." Contractor: EnviroSphere Co.
HAGEY, H. Technical Assistance Contracts Branch. FIN D-1013-4. NRC-02-84-006. 84/10/24. BROWN, R.S. Office of Nuclear Material Safety & Safeguards, Director. ROLDS, G. NRC - No Detailed Affiliation Given. 1p. 27424:304.
- 8411090493 Mod 1, deleting contract clauses in Part II, Section I re patent rights, to "Update of Part 61 - Impact Analysis Methodology."
O'DONNELL, E.P. EnviroSphere Co. SMITH, P.A. Division of Contracts. FIN D-1013-4. NRC-02-84-006. 84/10/24. 1p. 27424:305.
- 8411090490 Notification of contract execution, Mod 2, to "Technical Assistance in Hydrogeology." Contractor: Earth Technology Corp.
WOLLETT, S. Technical Assistance Contracts Branch. NRC-02-82-028-07. 84/10/03. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. JOHNSON, B. NRC - No Detailed Affiliation Given. 1p. 27424:280.

NONDOCKETED ITEMS

355

--8411090497 Mod 2, changing contractor name from Ertec Western, Inc to Earth Technology Corp, to "Technical Assistance in Hydrogeology." YOUNG, G. T. Ertec, Inc. EDGEWORTH, P. J. Division of Contracts. NRC-02-82-028-07. 84/10/03. 1p. 27424:281.

8411090516 Notification of contract execution, Mod 2, to "Criteria for Evaluating Engineered Facilities." Contractor: US Army Corps of Engineers. UMBEL, D. Technical Assistance Contracts Branch. FIN D-1001-5. NRC-02-83-046. 84/10/19. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. SHAFFNER, J. NRC - No Detailed Affiliation Given. 1p. 27424:282.

--8411090519 Mod 2, increasing funds, to "Criteria for Evaluating Engineered Facilities." * Army, Dept. of, Corps of Engineers. EDGEWORTH, P. J. Division of Contracts. FIN D-1001-5. NRC-02-83-046. 84/10/19. 1p. 27424:283.

841120001 Notification of contract execution, Mod 29, to "Technical Assistance to Support NRC IE Personnel in Investigations of Incidents." Contractor: Parameter, Inc. WOLLETT, S. Technical Assistance Contracts Branch. FIN B-1302. NRC-05-82-249. 84/10/18. BLAHA, J. Director's Office, Office of Inspection and Enforcement. LAUDAN, W. NRC - No Detailed Affiliation Given. 1p. 27457:222.

--841120003 Mod 29, issuing Task Order 71 & Mod 1 to Task Order 67, to "Technical Assistance to Support NRC IE Personnel in Investigations of Incidents." LOFFY, R. A. Parameter, Inc. EDGEWORTH, P. J. Division of Contracts. FIN B-1302. NRC-05-82-249. 84/10/18. 6pp. 27457:223.

841120073 Notification of contract execution, Mod 4, to "Environ Monitoring Program W/State of MS." Contractor: State of MS. SILVIS, R. M. Division of Contracts. FIN B-1257. NRC-05-80-289. 84/11/01. DEVOUNG, R. C. Director's Office, Office of Inspection and Enforcement. COHEN, L. NRC - No Detailed Affiliation Given. 1p. 27457:211.

--841120081 Mod 4, deobligating balance of funds to "Environ Monitoring Program W/State of MS." COBB, A. B. Mississippi, State of. THOMPSON, R. D. Division of Contracts. FIN B-1257. NRC-05-80-289. 84/11/01. 1p. 27457:212.

841120089 Notification of contract execution, Mod 1, to "Electric Forktruck." Contractor: Herres Corp. BRONBERG, B. Administrative Contracts Branch. NRC-10-84-261. 84/10/31. NORRY, P. Office of Administration. ESTEP, G. NRC - No Detailed Affiliation Given. 1p. 27457:198.

--841120097 Mod 1, changing specs to accept rebuilt Raymond Reach type forklift truck, to "Electric Forktruck." SAMSEL, T. L. Herres Corp. WIGGINS, E. Division of Contracts. NRC-10-84-261. 84/10/31. 2pp. 27457:199.

841140400 Notification of contract execution, Mod 7, to "Support Svcs for Research & Evaluation of Severe Accident Phenomenon & Mitigation." Contractor: BMI Labs. WOLLETT, S. Technical Assistance Contracts Branch. FIN B-7499. NRC-04-84-127. 84/11/01. BATSON, W. Office of Nuclear Regulatory Research, Director. SCOTT, M. NRC - No Detailed Affiliation Given. 1p. 27524:356.

--841140403 Mod 7, increasing incremental funding, to "Support Svcs for Research & Evaluation of Severe Accident Phenomenon & Mitigation." * Battelle Memorial Institute, Columbus Laboratories. EDGEWORTH, P. J. Division of Contracts. FIN B-7499. NRC-04-84-127. 84/11/01. 1p. 27524:357.

841140414 Notification of contract execution, Mod 2, to "Selection of Earthquake Resistant Design Criteria for Nuclear Power Plants, Methodology & Technical Bases." Contractor: Structural & Earthquake Engineering Consultants, Inc. WOLLETT, S. Technical Assistance Contracts Branch. FIN B-8298. NRC-04-83-022. 84/11/06. BATSON, W. Office of Nuclear Regulatory Research, Director. MURPHY, A. NRC - No Detailed Affiliation Given. 1p. 27524:354.

--841140420 Mod 2, increasing incremental funding, to "Selection of Earthquake Resistant Design Criteria for Nuclear Power Plants, Methodology & Technical Bases." * Structural & Earthquake Engineering Consultants. EDGEWORTH, P. J. Division of Contracts. FIN B-8298. NRC-04-83-022. 84/11/06. 1p. 27524:355.

841140415 Notification of contract execution, Mod 2, to "GA Congressional Study." Contractor: NC Kist & Assoc, Inc. WOLLETT, S. Technical Assistance Contracts Branch. NRC-05-84-155. 84/11/02. BLAHA, J. Program Support & Analysis Staff. BRACH, W. NRC - No Detailed Affiliation Given. 1p. 27524:352.

--841140418 Mod 2, extending period of performance until 841018 at no addl cost, to "GA Congressional Study." HEIDENREICH, J. N.C. Kist & Associates, Inc. EDGEWORTH, P. J. Division of Contracts. NRC-05-84-155. 84/11/02. 1p. 27524:353.

841140491 Notification of contract execution, Mod 21, to "Technical Assistance in Support of NRC Reactor Licensing Actions Program 2." Contractor: Science Applications, Inc. PAGE, M. Technical Assistance Contracts Branch. NRC-03-82-096. 84/11/02. EISENHUT, D. Division of Licensing. BAUMA, S. NRC - No Detailed Affiliation Given. 1p. 27526:353.

--841140502 Mod 21, incorporating award fee earned for Dec 1983 - May 1984 & changing performance evaluation board member to "Technical Assistance in Support of NRC Reactor Licensing Actions Program 2." * Science Applications, Inc. EDGEWORTH, P. J. Division of Contracts. NRC-03-82-096. 84/11/02. 3pp. 27526:354.

841140601 Ltr Contract NRC-03-84-066, "Atmospheric Transport & Diffusion Models for Entrainment Release Factor Appraisals," awarded to NOAA. SMITH, P. A. Technical Assistance Contracts Branch. FIN B-8681. NRC-03-84-066. 84/09/19. DERR, V. E. Commerce, Dept. of, Natl. Oceanographic & Atmospheric Administration. 16pp. 27526:331.

841140606 Ltr Contract NRC-03-84-064, "Hydrological Engineering (Coastal) Reviews of Operating Reactors (I) & Case Reviews," awarded to Waterways Experiment Station, Dept of Army. MORTON, K. V. Technical Assistance Contracts Branch. FIN B-8676. NRC-03-84-064. 84/08/21. BROWN, F. R. Army, Dept. of. 9pp. 27526:354.

841150310 Notification of contract execution, Mod 18, to "Technical Assistance in Support of NRC Reactor Licensing Action - Program 2." Contractor: Franklin Inst. WOLLETT, S. Technical Assistance Contracts Branch. FIN B-6891. NRC-03-81-130. 84/11/05. EISENHUT, D. O. Division of Licensing. CARRINGTON, M. NRC - No Detailed Affiliation Given. 1p. 27530:289.

--841150314 Mod 18, increasing funds available, to "Technical Assistance in Support of NRC Reactor Licensing Action - Program 2." * Franklin Institute/Franklin Research Center. EDGEWORTH, P. J. Division of Contracts. FIN B-6891. NRC-03-81-130. 84/11/05. 2pp. 27530:290.

841160483 Notification of contract execution, Mod 4, to "Strategic Analysis of Safeguards Sys: Feasibility Study." Contractor: Maxima Corp. UMBEL, D. Technical Assistance Contracts Branch. FIN B-6763. NRC-04-83-001. 84/11/01. FOREHAND, W. Office of Nuclear Regulatory Research, Director. FRATTALI, S. NRC - No Detailed Affiliation Given. 1p. 27546:055.

--841160487 Mod 4, extending period of performance to 840930, to "Strategic Analysis of Safeguards Sys: Feasibility Study." JONES, P. E. Maxima Corp. EDGEWORTH, P. J. Division of Contracts. FIN B-6763. NRC-04-83-001. 84/11/01. 1p. 27546:056.

841160530 Notification of grant execution, Mod 4, to "Study of Steam Water Flows." Grantee: Northwestern Univ. STEWART, S. D. Division of Contracts. FIN G-1000. NRC-G-04-81-020. 84/11/06. BATSON, W. Office of Nuclear Regulatory Research, Director. ZUBER, N. NRC - No Detailed Affiliation Given. 1p. 27543:361.

--841160535 Mod 4, extending grant period to 850101, to "Study of Steam Water Flows." GEALY, W. J. Northwestern Univ., Evanston, IL. MORTON, K. V. Technical Assistance Contracts Branch. FIN B-1000. NRC-G-04-81-020. 84/11/06. 1p. 27543:362.

841120213 Notification of contract execution, Mod 1, to "Maint & Operation of LPDRs." Contractor: Kewaunee, WI. HOPPER, A. Purchasing Section. NRC-10-82-694. 84/11/13. FELTON, J. M. Division of Rules and Records. SOUDER, J. NRC - No Detailed Affiliation Given. 1p. 27617:338.

--841120219 Mod 1, deobligating unliquidated fee remaining under contract, to "Maint & Operation of LPDRs." STADLER, J. W. Kewaunee County, WI. REBELLO, J. E. Division of Contracts. NRC-10-82-694. 84/11/13. 1p. 27617:339.

841120228 Notification of contract execution, Mod 6, to "Environ Assessment of Groundwater Contamination in Wood River, RI." Contractor: DL Warner, Inc. HOYLE, A. Purchasing Section. FIN B-6993-2. NRC-02-80-076. 84/10/11. BROWN, R. S. Program Support Branch. SHUM, E. NRC - No Detailed Affiliation Given. 1p. 27617:332.

NONDOCKETED ITEMS

- 8411210236 Mod 6, extending period of performance to 850930, to "Environ Assessment of Groundwater Contamination in Wood River, RI." WARNER, D.L. Don L. Warner, Inc. NEWTON, J.H. Division of Contracts. FIN B-6993-2. NRC-02-80-076. 84/10/11. 1p. 27617:333.
- 8411210293 Notification of contract execution, Mod 5, to "Panel Member & Documentation Review for Selected Meetings of Peer Review Group." Contractor: Univ of Virginia. THUNSEN, B.L. Administrative Contracts Branch. FIN B-8985. NRC-04-83-010. 84/11/13. BASSETT, O.E. Division of Accident Evaluation (Pre 840101). JANKOWSKI, M.W., SILBERBERG, M. NRC - No Detailed Affiliation Given. 1p. 27617:279.
- 8411210298 Mod 5, extending period of performance to 850701, adding addl meeting & preparation & increasing funding, to Panel Member & Documentation Review for Selected Meetings of Peer Review Group. REYNOLDS, A.B. Virginia, Univ. of, Charlottesville, VA. NEWTON, J.H. Division of Contracts. FIN B-8985. NRC-04-83-010. 84/11/13. 1p. 27617:280.
- 8411210335 Notification of contract execution, Mod 3, to "Executive Development Program." Contractor: USDA Graduate School. PERLMAN, J. Administrative Contracts Branch. NRC-10-83-299. 84/10/30. GOLDMAN, P.J. Management Development & Training Staff. ALLEN, R.A. NRC - No Detailed Affiliation Given. 1p. 27617:157.
- 8411210336 Mod 3, authorizing advance funding, to "Executive Development Program." SHEA, A.C. Agriculture, Dept. of, Graduate School, Washington, DC. WIGGINS, E. Division of Contracts. NRC-10-83-299. 84/10/30. 1p. 27617:158.
- 8411210337 Notification of contract execution, Mod 5, to "Managerial Competencies." Contractor: USDA Graduate School. PERLMAN, J. Administrative Contracts Branch. NRC-10-83-300. 84/10/16. GOLDMAN, P.J. Management Development & Training Staff. BASSIN, C., GOLDBERG, F. NRC - No Detailed Affiliation Given. 1p. 27617:154.
- 8411210339 Mod 5, correcting typo in Mod 4, to "Managerial Competencies." * Agriculture, Dept. of, Graduate School, Washington, DC. WIGGINS, E. Division of Contracts. NRC-10-83-300. 84/10/16. 1p. 27617:156.
- 8411260131 Notification of contract execution, Mod 1, to "Electrostatic Copying & Related Svcs." Contractor: Bel-Jean Copy/Print Ctr. PERLMAN, J. Administrative Contracts Branch. NRC-10-84-283. 84/11/07. BESAW, W.J. Division of Technical Information & Document Control. BAGGET, M.D. NRC - No Detailed Affiliation Given. 1p. 27647:061.
- 8411260139 Mod 1, fully funding contract, to "Electrostatic Copying & Related Svcs." * Bel-Jean Copy/Print Center. WIGGINS, E. Division of Contracts. NRC-10-84-283. 84/11/07. 1p. 27647:062.
- 8411260554 Notification of contract execution, Mod 4, to "Environ Assessment of Low Level Waste Storage at Pennsylvania Power & Light Co. Susquehanna Steam Electric Station." Contractor: Science Applications, Inc. SILVIS, R.M. Division of Contracts. FIN B-7342-1. NRC-02-81-064. 84/11/15. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. LOYSEN, P. NRC - No Detailed Affiliation Given. 1p. 27645:350. 24X Fiche: 50-387, 84/11/15, 8411260554.
- 8411260563 Mod 4, incorporating 1982 & 1983 overhead rates & deobligating funds, to "Environ Assessment of Low Level Waste Storage at Pennsylvania Power & Light Co. Susquehanna Steam Electric Station." MARSHALL, W.R. Science Applications, Inc. THOMPSON, R.D. Division of Contracts. FIN B-7342-1. NRC-02-81-064. 84/11/15. 2pp. 27645:351. 24X Fiche: 50-387, 84/11/15, 8411260554.
- 8411260571 Notification of contract execution, Mod 2, to "Technical Assistance to Support IE Personnel in Integrated Design Insp." Contractor: Westec Svcs, Inc. WOLLETT, S. Technical Assistance Contracts Branch. FIN B-8719. NRC-05-84-151. 84/10/17. BLAHA, J. Director's Office, Office of Inspection and Enforcement. MILHOAN, J. NRC - No Detailed Affiliation Given. 1p. 27682:349.
- 8411260604 Notification of contract execution, Mod 30, to "Technical Assistance to Support NRC IE Personnel in Investigations of Incidents." Contractor: Parameter, Inc. WOLLETT, S. Technical Assistance Contracts Branch. FIN B-1302. NRC-05-82-249. 84/10/12. BLAHA, J. Director's Office, Office of Inspection and Enforcement. LAUDAN, W. NRC - No Detailed Affiliation Given. 1p. 27645:345.
- 8411260607 Mod 30, providing incremental funds, to "Technical Assistance to Support NRC IE Personnel in Investigations of Incidents." * Parameter, Inc. EDGEWORTH, P.J. Division of Contracts. FIN B-1302. NRC-05-82-249. 84/10/12. 1p. 27645:346.
- 8411270067 Notification of contract execution, Mod 2, to "EIA re C-E SNM License SNM-33 Renewal Action." Contractor: Science Applications, Inc. SILVIS, R.M. Division of Contracts. FIN B-7335-01. NRC-02-81-060. 84/11/15. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. LOYSEN, P. NRC - No Detailed Affiliation Given. 1p. 27673:355.
- 8411270082 Mod 2, incorporating overhead rates & deobligating funds, to "EIA re C-E SNM License SNM-33 Renewal Action." MARSHALL, W.R. Science Applications, Inc. THOMPSON, R.D. Division of Contracts. FIN B-7335-01. NRC-02-81-060. 84/11/15. 2pp. 27673:356.
- 8411280163 Notification of contract execution: "Stenographic Reporting Svcs Within Washington, DC Metropolitan Area," awarded to Ace-Federal Reporters, Inc. DAVIS, K.A. Administrative Contracts Branch. NRC-17-85-207. 84/10/29. CHILK, S.J. Office of the Secretary of the Commission. BAILEY, A.R. NRC - No Detailed Affiliation Given. 4pp. 27683:105.
- 8411280171 Ltr Contract NRC-17-85-207: "Stenographic Reporting Svcs Within Washington, DC Metropolitan Area," awarded to Ace-Federal Reporters, Inc. HAGAN, T.F. Division of Contracts. NRC-17-85-207. 84/10/29. MONICK, R.J. ACE Federal Reporters, Inc. 96pp. 27683:109.
- 8411280376 Notification of contract execution, Mod 5, to "Environ Assessment for Low Level Waste Storage at TVA Browns Ferry Nuclear Plant in Limestone County, GA." Contractor: Science Applications, Inc. SILVIS, R.M. Division of Contracts. FIN B-7319-1. NRC-02-81-050. 84/11/15. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. LOYSEN, P. NRC - No Detailed Affiliation Given. 3pp. 27675:323. 24X Fiche: 50-259, 84/11/15, 8411280376.
- 8411280386 Mod 5, incorporating 1982 overhead rates, to "Environ Assessment for Low Level Waste Storage at TVA Browns Ferry Nuclear Plant in Limestone County, GA." MARSHALL, W.R. Science Applications, Inc. THOMPSON, R.D. Division of Contracts. FIN B-7319-1. NRC-02-81-050. 84/11/15. 3pp. 27675:324. 24X Fiche: 50-259, 84/11/15, 8411280376.
- 8411280388 Notification of contract execution, Mod 3, to "Processing & Packaging Documents for Transmittal to LPDRs." Contractor: SBA, Subcontractor: Maxima Corp. HANKINS, D.A. Administrative Contracts Branch. NRC-10-84-247. 84/10/10. FELTON, J.M. Division of Rules and Records. SOUDER, J. NRC - No Detailed Affiliation Given. 1p. 27683:321.
- 8411280390 Mod 3, revising Article 7 re govt furnished matl, supplies & equipment & authorizing purchase of flat-bed truck by contractor, to "Processing & Packaging Documents for Transmittal to LPDRs." HILL, D. Small Business Administration. JONES, P.E. Maxima Corp. HAGAN, T.F. Division of Contracts. NRC-10-84-247. 84/10/10. 3pp. 27683:322.
- 8411280407 Corrected notification of contract execution, Mod 21, to "BWR Full Integral Simulation Test (FIST) Program." Contractor: GE/EPRI. WOLLETT, S. Technical Assistance Contracts Branch. FIN B-3014. NRC-04-76-215. 84/09/26. BATSON, W. Office of Nuclear Regulatory Research, Director. BECKNER, W. NRC - No Detailed Affiliation Given. 1p. 27682:348.
- 8411280434 Ltr Contract NRC-04-76-215, Mod 21, revising unilateral increase in obligated funds, to "BWR Full Integral Simulation Test (FIST) Program." EDGEWORTH, P.J. Division of Contracts. FIN B-3014. NRC-04-76-215. 84/10/26. BOCK, R.G. General Electric Co. 1p. 27682:349.
- 8411280577 Notification of contract execution, Mod 12, to "Benchmarking of Computer Codes & Licensing Assistance." Contractor: C-STAR, Inc. WOLLETT, S. Technical Assistance Contracts Branch. FIN B-6985. NRC-02-81-026. 84/11/16. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. BROOKS, P. NRC - No Detailed Affiliation Given. 1p. 27682:069.

NONDOCKETED ITEMS

357

--8411280582 Mod 12, providing incremental funding, to "Benchmarking of Computer Codes & Licensing Assistance."
* CorSTAR Research, Inc. EDGEWORTH, P. J. Division of Contracts.
FIN B-6985. NRC-02-81-026. 84/11/16. 1p. 27682:070.

8411280586 Notification of contract execution, Mod 4, to "Environ Assessment of Raffinate Study Disposal at Kerr-McGee Sequoyah Facility, Gore, OK." Contractor: Science Applications, Inc.
SILVUS, R. M. Division of Contracts. FIN B-7316. NRC-02-81-045. 84/11/15. DAVIS, J. Office of Nuclear Material Safety & Safeguards, Director. LOYSEN, P. NRC - No Detailed Affiliation Given. 1p. 27682:059.

--8411280590 Mod 4, incorporating overhead rates for FY82 & 83, to "Environ Assessment of Raffinate Study Disposal at Kerr-McGee Sequoyah Facility, Gore, OK."
MARSHALL, W. R. Science Applications, Inc. THOMPSON, R. D. Division of Contracts. FIN B-7316. NRC-02-81-045. 84/11/15. 2pp. 27682:060.

8411280589 Notification of contract execution, Mod 3, to "Environ Monitoring Program W/State of OH." Contractor: State of OH.
SILVUS, R. M. Division of Contracts. FIN B-1243. NRC-05-80-256. 84/11/13. DEYOUNG, R. Director's Office, Office of Inspection and Enforcement. COHEN, L. NRC - No Detailed Affiliation Given. 1p. 27682:057.

--8411280591 Mod 3, deobligating contract balance, to "Environ Monitoring Program W/State of OH."
JACKSON, D. L. Ohio, State of. THOMPSON, R. D. Division of Contracts. FIN B-1234. NRC-05-80-256. 84/11/13. 1p. 27682:058.

8411290135 Notification of contract execution, Mod 1, to "Installation, Deinstallation, Maint Support for High Frequency VHF & UHF Radio Equipment Owned & Operated by NRC." Contractor: Tactec Sys. Inc.
HAWKINS, D. A. Division of Contracts. NRC-10-84-239. 84/10/02. CORLEY, J. H. Division of Facilities & Operations. COHEN, S. NRC - No Detailed Affiliation Given. 1p. 27696:162.

--8411290148 Mod 1, revising Article I re supplies/svcs/prices & A.3.b.(1)(a) re maint schedule, to "Installation, Deinstallation & Maint Support for High Frequency VHF & UHF Radio Equipment...."
BOTTALICO, A. Tactec Systems, Inc. WIGGINS, E. Division of Contracts. NRC-10-84-239. 84/10/02. 2pp. 27696:163.

8411290302 Notification of contract execution, Mod 2, to "Degraded Piping Program - Phase II." Contractor: BMI.
PAGE, M. Technical Assistance Contracts Branch. NRC-04-84-103. 84/11/19. FOREHAND, W. Office of Nuclear Regulatory Research, Director. VAGINS, M. NRC - No Detailed Affiliation Given. 1p. 27699:335.

--8411290308 Mod 2, changing project officer, to "Degraded Piping Program - Phase II."
* Battelle Memorial Institute, Columbus Laboratories.
EDGEWORTH, P. J. Division of Contracts. NRC-04-84-103. 84/11/19. 1p. 27699:336.

8411290338 Notification of contract execution, Mod 2, to "Regional Economic Impacts of Accidents." Contractor: Bureau of Economic Analysis, Dept of Commerce.
PAGE, M. Technical Assistance Contracts Branch. FIN B-8678. NRC-03-84-065. 84/11/13. VOLLMER, R. H. Division of Engineering. CLEARY, D. NRC - No Detailed Affiliation Given. 1p. 27698:348.

--8411290345 Mod 2, changing project officer, to "Regional Economic Impacts of Accidents."
* Commerce, Dept. of. EDGEWORTH, P. J. Division of Contracts. FIN B-8678. NRC-03-84-065. 84/11/13. 1p. 27698:349.

8411290351 Notification of contract execution, Mod 23, to "FLECHT-SEASET." Contractor: Westinghouse & EPRI.
WOLLETT, S. Technical Assistance Contracts Branch. FIN B-6204. NRC-04-77-127. 84/11/20. BATSON, W. Office of Nuclear Regulatory Research, Director. LEE, R. NRC - No Detailed Affiliation Given. 1p. 27698:346.

--8411290359 Ltr Contract NRC-04-77-127, Mod 23, extending period of performance to 841116, to "FLECHT-SEASET."
EDGEWORTH, P. J. Technical Assistance Contracts Branch. FIN B-6204. NRC-04-77-127. 84/11/13. WILLIAMS, L. M. Electric Power Research Institute. 1p. 27698:347.

FOIA FREEDOM OF INFORMATION ACT REQUESTS AND RELEASES

8406180030 Partial response to FOIA request for documents re IE Info Notices 81-29, 82-52, 83-57 & 83-72 & Board Notifications 83-128 & 83-128A. Forwards App A documents. Documents also available in PDR. App B documents available in PDR.
FELTON, J. M. Division of Rules and Records. IEIN-81-29. 84/03/20. JORDAN, W. S. Harmon, Weiss & Jordan. 18pp. 25070:115. 24X Fiche: 50-000. 84/03/20. 8406180030.

--8406180072 Responds to IE Info Notice 80-11 re Viton elastomers used in ASCO Catalog NP-1 valves. Test program indicated common mode failure mechanism & reduction in level of qualification will be necessary.
BROWN, W. M. Automatic Switch Co. IEIN-80-11. 81/07/10. MOSELEY, N. Director's Office, Office of Inspection and Enforcement. 6pp. 25071:207.

8409040220 Responds to FOIA request for 12 categories of documents re WPPSS. Forwards box of financial files. Review for addl records subj to request continuing.
FELTON, J. M. Division of Rules and Records. WPPSS. 84/08/24. COHEN, B. K. Meredith & Cohen, P. C. 1p. 27060:004. 24X Fiche: 50-000. 84/08/24. 8409040220.

8411190092 FOIA request for documents re Amersham Corp NRC license, including info on GC, packaging or encapsulation of isotopes, mfg procedures & ability to mfg prototype capsule designs.
SAVINI, R. J. LIXI, Inc. 83/10/03. Division of Rules and Records. 1p. 27600:131.

8411190096 Responds to FOIA request for license documents re Amersham Corp. No company proprietary documents or privacy-related info encl, per telcon agreement. Forwards seven listed licenses & related info.
FELTON, J. M. Division of Rules and Records. 84/01/24. SAVINI, R. J. LIXI, Inc. 1p. 27600:132.

--7904090167 Requests renewal of Matl/Byproduct License SNM-1125, authorizing max quantities of U & Pu for distribution of matl as calibr stds & solutions.
BELGRAIR, D. P. Amersham Corp. 94961. 79/03/09. GUINN, P. R. Radioisotopes Licensing Branch (Pre 790501). 1p. 27603:233.

--7904090170 Requests amend to Matl/Byproduct License 12-12836-01 to incorporate SNM-1125. Also forwards addl info re License 12-12836-01 renewal in response to NRC 780912 ltr.
BELGRAIR, D. P. Amersham Corp. 79/03/09. GUINN, P. R. Radioisotopes Licensing Branch (Pre 790501). 17pp. 27603:235.

--7905070479 Application for matl/byproduct license to distribute static eliminators based on rolled foil containing Po-210.
BELGRAIR, D. P. Amersham Corp. 99529. 79/04/12. Radioisotopes Licensing Branch (Pre 790501). 29pp. 27603:138.

--7905140460 Ack receipt of application for renewal of Matl/Byproduct License SNM-1125. License will not expire until final action has been taken by NRC.
BROWN, J. M. Radioisotopes Licensing Branch (Pre 790501). 12261. 79/03/21. BELGRAIR, D. P. Amersham Corp. 1p. 27603:232.

--7905150020 Advises that if reply to request for addl info re renewal of License 12-12836-01 is not received within 30 days, application may be denied & license terminated.
GUINN, P. R. Radioisotopes Licensing Branch (Pre 790501). 94961. 79/03/01. COSTELLO, J. L. Amersham Corp. 2pp. 27603:252.

--7905310178 Advises that addl info requested on description of licensed matl in 790309 application for renewal of License 12-12836-01 being distributed.
GUINN, P. R. Materials Licensing Branch. 94961. 79/05/10. COSTELLO, J. L. Amersham Corp. 2pp. 27603:230.

--7908270019 Submits addl info requested by NRC 790510 ltr re matls distributed under Matl/Byproduct License 12-12836-01. Lists corp licensed activities. Forwards catalog listing product. Info re sealed sources to follow. W/o catalog.
BELGRAIR, D. P. Amersham Corp. 94961. 79/07/20. GUINN, P. R. Materials Licensing Branch. 2pp. 27603:228.

--7910100383 Amend 13 to License 12-12836-01 for Amersham Corp, amending license in entirety per 780531 application, authorizing use of Po-208, Po-209, Po-210, Ac-227 & Np-237 in any form for use in R&D & mfg.
GUINN, P. R. Materials Licensing Branch. 79/09/28. 5pp. 27602:162.

NONDOCKETED ITEMS

- 7911200152 Advises that addl info requested on 790725 by NRC re application for matl/byproduct license dtd 790412 not received. If requested info not received within 30 days, NRC will consider application abandoned.
BASSIN, N. Materials Licensing Branch. 79/10/30. BELGRAIR, D.P. Amersham Corp. 1p. 27605:120.
- 7912110507 Ack receipt of NRC 791030 ltr requesting addl info re static eliminator products. Informs that response will be sent & requests application not be abandoned.
HENDRICKSON, L. Amersham Corp. 79/11/20. BASSIN, N. Materials Licensing Branch. 1p. 27605:119.
- 8001250421 Submits addl info requested by NRC ltr re application for matl/byproduct license. Describes Po-210 static eliminator devices. Twenty oversize drawings encl.
BELGRAIR, D. Amersham Corp. 79/12/20. BASSIN, N. Materials Licensing Branch. 18pp. 27605:100.
- 8001300311 Ack receipt of 791120 ltr re application for distribution of static eliminators. Application will be considered abandoned if reply not received by 791221.
BASSIN, N. Materials Licensing Branch. 79/12/11. HENDRICKSON, L. Amersham Corp. 1p. 27605:118.
- 8003070198 Requests that info presented as App E in 791220 ltr be withheld from public disclosure per 10CFR2.790.
BELGRAIR, D.P. Amersham Corp. 99529. 80/02/05. BASSIN, N. Materials Licensing Branch. 2pp. 27605:096.
- 8003260475 Requests amend of Matl/Byproduct License 12-12836-05MD to distribute Source Models CDC.VI, BDC.VI & CKC.VI to licensees. Certificates of registration & safety analysis & fee encl. W/o encl.
BELGRAIR, D.P. Amersham Corp. 02822. 80/02/15. Materials Licensing Branch. 1p. 27604:140.
- 8004230323 Amend 5 to License 12-12836-05MD for Amersham Corp. authorizing limits for byproduct matl in sources distributed & adding conditions of use.
* Materials Licensing Branch. 80/04/07. 2pp. 27604:084.
- 8102190620 Forwards application for renewal of Matl/Byproduct License 12-12836-040.
BELGRAIR, D.P. Amersham Corp. 06348. 80/12/29. Materials Licensing Branch. 1p. 27600:173.
- 8102190622 Application for renewal of Matl/Byproduct License 12-12836-040 authorizing distribution of in vitro test kits containing I-125, I-131, C-14, tritium, Fe-59 or Se-75 to individuals generally licensed by 10CFR31.11.
WESTERFIELD, A. Amersham Corp. 06348. 80/12/30. 3pp. 27600:174.
- 8102260274 Informs of recent changes re storage & handling of radionuclides. No changes re open sources of radioactivity in chemistry, production areas or new facility are expected.
BELGRAIR, D.P. Amersham Corp. 2104. 80/12/22. GUINN, P.R. Materials Licensing Branch. 4pp. 27603:224.
- 8102260780 Ack receipt of application for renewal of Matl/Byproduct License 12-12836-040. License will not expire until final action has been taken by NRC.
TREMPER, L. Materials Licensing Branch. 06348. 81/02/02. BELGRAIR, D.P. Amersham Corp. 1p. 27600:172.
- 8103170759 Informs that time to request hearing re 810211 order has been extended to 810317. Modified order encl.
CUNNINGHAM, R.E. Division of Fuel Cycle & Material Safety. 81/03/05. MOWRY, W.R. ... obsolete code... 1p. 27602:210.
- 8103170763 Order modifying 810211 order, extending until 810317 time for licensee to request hearing. Good cause has been shown.
CUNNINGHAM, R.E. Division of Fuel Cycle & Material Safety. 81/03/05. ... obsolete code... 1p. 27602:211.
- 8103190703 "Std Format & Content for Radiological Contingency Plans for Fuel Cycle & Matls Facilities."
* Office of Nuclear Material Safety & Safeguards, Director. 81/01/09. 35pp. 27604:102.
- 8103230425 Forwards order re mod of License 12-12836-01, requiring preparation & submission of radiological contingency plan.
CUNNINGHAM, R.E. Division of Fuel Cycle & Material Safety. 81/02/11. COSTELLO, J.L. Amersham Corp. 1p. 27604:095.
- 8103230435 Order requiring mod of License 12-12836-01. Licensee must develop & submit radiological contingency plan & application for license amend to incorporate plan as condition of license within 120 days.
CUNNINGHAM, R.E. Division of Fuel Cycle & Material Safety. 81/02/11. Amersham Corp. 6pp. 27604:096.
- 8104280227 Matl/Byproduct License 12-12836-01 for Amersham Corp. changing Conditions 10 & 17 re location for use of licensed matls described in Items 6, 7 & 8.
GUINN, P.R. Materials Licensing Branch. 81/04/10. 1p. 27602:161.
- 8208030640 Requests addl info re changes necessary to content & format of radiological contingency plan. Info should be prepared per "Std Format & Content for Radiological Contingency Plans for Fuel Cycle & Matls Facilities." W/o encl.
MILLER, V. Materials Licensing Branch. 82/07/19. BELGRAIR, D.P. Amersham Corp. 2pp. 66220:356.
- 8411190097 Lists total amounts of each isotope shipped under License 12-12836-02E in quantities exempt from licensing during period of Jul 1974 - June 1975.
GOETSCH, S. Amersham Corp. 76/02/13. NRC - No Detailed Affiliation Given. 1p. 27601:270.
- 8411190103 Responds to 820930 questions re reagent kit labels & rev to preparation procedures. Procedures & copy of labelling encl. Related info encl.
BAGBY, L.A. Amersham Corp. 12311. 82/09/16. DELMEDICO, J. Materials Licensing Branch. 11pp. 27600:133.
- 8411190106 Requests addl info re 820806 application for reagent kit distribution approval.
DELMEDICO, J. Materials Licensing Branch. 12311. 82/09/03. BAGBY, L.A. Amersham Corp. 2pp. 27600:144.
- 8411190110 Application to amend Licenses 12-12836-01 & 12-12836-02E, to utilize addl bldg for receipt, storage & packaging of radioactive products. Plans encl.
GOETSCH, S. Amersham Corp. 52728. 74/10/24. Atomic Energy Commission, Directorate of Licensing. 6pp. 27601:271.
- 8411190114 Requests approval of three reagent kits for use by persons licensed per 10CFR35.14 & Group III of Schedule A of Section 35.100. Kits do not contain byproduct matl when mfg. Info re sample labels, inserts & packaging encl.
BAGBY, L.A. Amersham Corp. 12311. 82/08/06. Division of Fuel Cycle & Material Safety. 15pp. 27600:146.
- 8411190116 Amend 2 to License 12-12836-040 for Amersham Corp. changing provisions for distribution of in vitro kits.
GUINN, P.R. Materials Licensing Branch. 82/02/01. 1p. 27600:161.
- 8411190122 Amend 1 to License 12-12836-040 for Amersham Corp. changing name from Amersham/Searle Corp to Amersham Corp.
BASSIN, N. Radioisotopes Licensing Branch (Pre 790501). 77/05/18. 1p. 27600:162.
- 8411190126 License 12-12836-040 for Amersham/Searle Corp. authorizing distribution of in vitro kits containing I-125 to persons generally licensed per Section 31.11, 10CFR31.
BASSIN, N. Radioisotopes Licensing Branch (Pre 790501). 76/02/09. 1p. 27600:163.
- 8411190130 Requests that all license fee correspondence be directed to listed address, per 730626 ltr.
FAIRBROTHER, W. Amersham Corp. 73/08/15. Atomic Energy Commission. 1p. 27601:277.
- 8411190134 Forwards requested info re training & experience of T Finnigan, vendor radiation safety officer for all vendor NRC licenses, as listed.
BAGBY, L.A. Amersham Corp. 06348. 81/12/22. GUINN, P.R. NRC - No Detailed Affiliation Given. 4pp. 27600:164.
- 8411190136 Forwards technical info brochure re AEC exempt quantities of radioactive matl. per 710810 discussion. Corrections noted.
CLARK, R.L. Amersham Corp. 2351. 71/08/11. BASSIN, N. Atomic Energy Commission. 5pp. 27601:278.
- 8411190142 Requests further consideration of 701015, 19 & 1110 submittals re request for license to mfg, process, produce, package, repack, import or transfer byproduct matl for commercial distribution to persons exempt from 10CFR30.18.
CLARK, R.L. Amersham Corp. 23527. 71/08/06. BASSIN, N. Atomic Energy Commission. 10pp. 27601:283.
- 8411190148 Forwards examples of label types & package inserts included in kits distributed under License 12-12836-040, per request. Encl matls meet requirements of 10CFR32.71. Application for license renewal extends distribution to Agreement States.
BAGBY, L.A. Amersham Corp. 06348. 81/12/07. GUINN, P.R. NRC - No Detailed Affiliation Given. 3pp. 27600:168.

NONDOCKETED ITEMS

359

- B411190154 Requests addl info re labeling & package inserts for kits intended for distribution, per review of 801230 application to renew License 12-12836-040.
GUINN, P. R. Division of Fuel Cycle & Material Safety. 06348.
81/06/22. BELGRAIR, D. P. Amersham Corp. 1p. 27600:171.
- B411190156 Requests listed addl info in response to 701019 ltr re application for distribution of small quantities of byproduct matl to persons exempt from licensing.
BASSIN, N. Atomic Energy Commission. 18224. 70/11/10. CLARK, R. L. Amersham Corp. 2pp. 27601:294.
- B411190164 Forwards corrected "Technical Info Brochure, AEC - Exempt Quantities, Radioactive Matl," per 701015 meeting. Lists actions taken re 1970-71 catalogue, per Basset comments.
CLARK, R. L. Amersham Corp. 2396. 70/10/19. MALARD, J. C. Atomic Energy Commission. 8pp. 27601:296.
- B411190168 Forwards resume of T Finnigan, per Brown telcon request.
CHAIRES, L. Amersham Corp. 81/08/25. GUINN, P. NRC - No Detailed Affiliation Given. 3pp. 27603:216.
- B411190170 Informs of development of facilities to dispense P-32 matl into vials for distribution to customers.
FINNIGAN, T. Amersham Corp. 81/07/31. GUINN, P. R. Division of Fuel Cycle & Material Safety. 1p. 27603:219.
- B411190171 Application for license, or amend to present License 12-12836-01, to mfg, process, produce, package, repack, import or transfer quantities of byproduct matl for commercial distribution.
CLARK, R. L. Amersham Corp. 18224. 70/10/15. MALARD, J. C. Atomic Energy Commission. 214pp. 27601:304.
- B411190175 Recommends license condition to satisfy Section V of 810211 order re radiological contingency plan & Amersham Corp 810630 application to amend License 12-12836-01 to restrict holdings.
FISHER, F. D. Division of Fuel Cycle & Material Safety. 81/07/29. HICKEY, J. Materials Licensing Branch. 2pp. 27603:220.
- B411190177 Amend 17 to License 12-12836-01, revising Condition 17.
HICKEY, J. W. Materials Licensing Branch. 83/06/07. 1p. 27602:157.
- B411190178 Application to amend License 12-12836-01 to reduce holdings of radioactive matls other than sealed sources, in response to 810211 order to submit radiological contingency plan.
FINNIGAN, T. Amersham Corp. 81/06/30. CUNNINGHAM, R. E. Division of Fuel Cycle & Material Safety. 1p. 27603:222.
- B411190179 Suggests blanket application approach to mod of vendor & sister company licenses, requiring new mfg symbol (AI) & packaging to reflect new company title, Amersham Intl.
COPPELL, D. A. Amersham Corp. 81/10/29. HICKEY, J. Materials Licensing Branch. 2pp. 27600:177.
- B411190180 Amend 16 to License 12-12836-01, revising Conditions 17 & 18 & adding Condition 19.
HICKEY, J. W. Materials Licensing Branch. 82/10/29. 2pp. 27602:158.
- B411190182 Notifies that T Finnigan appointed radiation safety officer effective 810618. Forwards DP Belgrair 801222 ltr in response to 810211 order re radiological contingency plans.
GIBSON, T. E. Amersham Corp. 81/07/07. CUNNINGHAM, R. E. Division of Fuel Cycle & Material Safety. 1p. 27603:223.
- B411190185 Amend 15 to License 12-12836-01, revising Condition 17 & adding Condition 18.
GUINN, P. R. Materials Licensing Branch. 81/10/19. 1p. 27602:160.
- B411190186 Forwards new style labels used on shipments. Labels should have been encl w/DA Coppel 811029 ltr.
FALL, M. A. Amersham Corp. 2035. 81/11/03. HICKEY, J. Materials Licensing Branch. 5pp. 27600:179.
- B411190189 Describes D Belgrair 810227 telcon re extension request for Amersham Corp response to 810211 radiological contingency planning order received by vendor on 810217. Telegram extension request expected.
PAGE, R. G. Uranium Fuel Licensing Branch. 81/03/02. Uranium Fuel Licensing Branch. 1p. 27602:212.
- B411190192 Application to amend License 12-12836-01, changing section re Reg Guide 8-21, Fee paid.
BAGBY, L. A. Amersham Corp. 83/05/04. HICKEY, J. NRC - No Detailed Affiliation Given. 1p. 27602:228.
- B411190195 Informs that Amersham/Searle Corp, formerly owned by GD Searle Corp & Radiochemical Ctr, now wholly owned by Radiochemical Ctr & will now be Amersham Corp, as of 770401. Revised list of officers encl.
ODETSCH, S. J. Amersham Corp. 86721. 77/04/01. Division of Fuel Cycle & Material Safety. 4pp. 27600:184.
- B411190197 Forwards addl info re 820322 radiological contingency plan for License 12-12836-01, per 820719 request.
BAGBY, L. A. Amersham Corp. 82/08/27. MILLER, V. Materials Licensing Branch. 2pp. 27602:248.
- B411190198 Amend 12 to License 12-12836-01, for Amersham Corp, changing name of licensee from Amersham/Searle Corp to Amersham Corp.
BASSIN, N. Radioisotopes Licensing Branch (Pre 790501). 77/05/19. 1p. 27602:167.
- B411190202 Rev 1 to "Amersham Corp Radiological Contingency Plan."
* HMM Associates, Inc. 81-323. 82/08/27. 12pp. 27602:250.
- B411190205 Amend 11 to License 12-12836-01 for Amersham/Searle Corp, revising Condition 13 & advising that wherever AEC or Commission used NRC intended, as of 750119.
BELL, J. M. Radioisotopes Licensing Branch (Pre 790501). 75/12/29. 1p. 27602:168.
- B411190206 Requests submittal of complete updated application, w/o ref to previously submitted info, per "Guidelines for Bioassay Requirements for Tritium." License 12-12836-01 780531 renewal application insufficient for renewal requirements.
GUINN, P. R. Division of Fuel Cycle & Material Safety. 94961. 78/09/12. COSTELLO, J. L. Amersham Corp. 2pp. 27603:254.
- B411190209 Application for license to distribute in vitro diagnostic kits containing not more than 10mCi of I-125 per vial, marked, labeled & packaged per 10CFR32.71. Withdraws earlier request for distribution.
ODETSCH, S. Amersham Corp. 03212. 79/01/15. BASSIN, N. Division of Fuel Cycle & Material Safety. 265pp. 27600:188.
- B411190211 Amend 10 to License 12-12836-01 for Amersham/Searle Corp, revising Condition 13.
* Division of Fuel Cycle & Material Safety. 75/08/13. 1p. 27602:169.
- B411190212 Application to amend License 12-12836-01 to incorporate encl radiological contingency plan as condition of license. Restrictions imposed by Amend 15 now expected to be lifted. Fee paid.
BAGBY, L. A. Amersham Corp. 82/04/13. Division of Fuel Cycle & Material Safety. 1p. 27603:012.
- B411190213 "Amersham Corp Radiological Contingency Plan."
* HMM Associates, Inc. 82/03/22. 203pp. 27603:013.
- B411190214 Ack receipt of application for renewal of License 12-12836-01. Application deemed timely filed.
COMBS, F. Division of Fuel Cycle & Material Safety. 94961. 78/06/13. COSTELLO, J. L. Amersham Corp. 1p. 27603:256.
- B411190219 Application for matl/byproduct license, authorizing use of I-125, I-131 & C-14 for in vitro diagnostic kits.
ODETSCH, S. J. Amersham Corp. 48933. 74/05/31. 2pp. 27601:093.
- B411190220 Amend 9 to License 12-12836-01 for Amersham/Searle Corp, revising Conditions 10 & 15.
* Atomic Energy Commission, Directorate of Licensing. 74/11/05. 1p. 27602:170.
- B411190223 Application for renewal of License 12-12836-01. Fee encl.
CASTELLO, J. L. Amersham Corp. 78/05/31. 76pp. 27603:297.
- B411190224 Amend 8 to License 12-12836-01, for Amersham/Searle Corp, revising Subitems 6, H, 7, H & 9, H & Condition 15.
* Atomic Energy Commission, Directorate of Licensing. 74/07/10. 1p. 27602:171.
- B411190226 Amend 3 to License 12-12836-02E for Amersham Corp, revising license in entirety.
GUINN, P. R. Materials Licensing Branch. 81/09/14. 1p. 27601:095.
- B411190229 Informs that 811021 application for renewal of License 12-12836-05MD subj to renewal fee of \$150. Vendor check of \$110 received. Addl \$40 should be submitted to NRC.
JACKSON, G. License Fee Management Branch. 09338. 81/10/29. BAGBY, L. A. Amersham Corp. 1p. 27604:137.

NONDOCKETED ITEMS

- 8411190230 Amend 7 to License 12-12836-01 for Amersham/Searle Corp, Condition 15.
BRINKMAN, R.E. Atomic Energy Commission, Directorate of Licensing.
73/10/03. 1p. 27602:172.
- 8411190232 Amend 2 to License 12-12836-02E for Amersham Corp, changing name from Amersham/Searle Corp to Amersham Corp.
BASSIN, N. Radioisotopes Licensing Branch (Pre 790501). 77/05/19.
1p. 27601:096.
- 8411190233 Amend 6 to License 12-12836-01 for Amersham/Searle Corp, revising license in entirety.
BRINKMAN, R.E. Atomic Energy Commission, Directorate of Licensing.
73/06/25. 3pp. 27602:173.
- 8411190237 Amend 1 to License 12-12836-02E for Amersham/Searle Corp, revising license in entirety.
* Radioisotopes Licensing Branch (Pre 790501). 76/10/13. 2pp.
27601:097.
- 8411190240 Amend 5 to License 12-12836-01 for Amersham/Searle Corp, to add Am-241 in any chemical or physical form, at max possession of 320 Ci, stored in unopened shipping containers.
BRINKMAN, R.E. Atomic Energy Commission. 72/08/23. 1p.
27602:176.
- 8411190241 License 12-12836-02E for Amersham/Searle Corp to distribute byproduct matl to persons exempt from licensing per 10CFR30.18.
BASSIN, N. Atomic Energy Commission. 71/08/19. 1p. 27601:099.
- 8411190249 Amend 4 to License 12-12836-01 for Amersham/Searle Corp, revising Condition 10 & adding Condition 14.
BRINKMAN, R.E. Atomic Energy Commission. 72/08/14. 1p.
27602:177.
- 8411190250 Requests rept of distribution under License 12-12836-02E for yr ending 780630 within 30 days, per 10CFR32.20.
BASSIN, N. Division of Fuel Cycle & Material Safety. 78/10/04.
BELGRAIR, D.P. Amersham Corp. 1p. 27601:100.
- 8411190253 "Radiation Protection Policy Manual."
CASTELLO, J.L. Amersham Corp. 94961. 78/05/31. 88pp. 27603:334.
- 8411190255 Forwards fee re amend to Matl/Byproduct License 12-12836-05MD, allowing mfg & distribution of Model AMCP1, IMCP1 & CDC-CY1 sources.
GLASS, L. Amersham Corp. 78/08/01. JACKSON, G. License Fee Management Branch. 1p. 27604:138.
- 8411190258 Lists radionuclides distributed in quantities exempt from licensing for yr ending 800630, per 10CFR32.20.
BELGRAIR, D.P. Amersham Corp. 80/07/03. Division of Fuel Cycle & Material Safety. 1p. 27601:101.
- 8411190259 Amend 3 to License 12-12836-01 for Amersham/Searle Corp, revising Condition 10.
BRINKMAN, R.E. Atomic Energy Commission. 70/09/02. 1p.
27602:178.
- 8411190261 Amend 2 to License 12-12836-01 for Amersham/Searle Corp, revising name & address of licensee & Condition 10.
BRINKMAN, R.E. Atomic Energy Commission. 70/07/01. 1p.
27602:179.
- 8411190262 Informs that \$110 amend fee required per encl 10CFR170.31(3a) & that application fees total \$330 for safety evaluation of sources, per Category 9B of 10CFR170.31, in response to 780619 & 20 applications, w/o encl.
JACKSON, G. License Fee Management Branch. 78/07/14.
FLETCHER, K.E. Amersham Corp. 1p. 27604:139.
- 8411190265 Lists radionuclides distributed in quantities exempt from licensing for yr ending 820630, per 10CFR32.20.
BAGBY, L.A. Amersham Corp. 82/07/29. Division of Fuel Cycle & Material Safety. 3pp. 27601:102.
- 8411190266 Amend 1 to License 12-12836-01 for Amersham/Searle Corp, adding Subitems 6.D through H, 7.D through H, 8.D through H & 9.D through H.
BRINKMAN, R.E. Atomic Energy Commission. 69/02/07. 1p.
27602:180.
- 8411190267 "Certificate of Registration & Safety Analysis Summary - Sealed Source Model BDC.V1."
* NRC - No Detailed Affiliation Given. 80/02/06. 2pp.
27604:141.
- 8411190269 Ack receipt of application to renew License 12-12836-02E. Application deemed timely filed. License will not expire until final action taken by NRC.
HICKEY, J.W. Division of Fuel Cycle & Material Safety. 08741.
81/08/31. CASTELLO, J.L. Amersham Corp. 1p. 27601:109.
- 8411190270 Application to amend Licenses SNM-1125 & SNM-1177 to reflect change in address.
CLARK, R.L. Amersham Corp. 70/10/01. LAYFIELD, R.L. Division of Fuel Cycle & Material Safety. 1p. 27604:060.
- 8411190273 Application for renewal of License 12-12836-02E. Fee paid.
CASTELLO, J.L. Amersham Corp. 08741. 81/08/14. 13pp. 27601:114.
- 8411190274 Application to amend License SNM-1125, Item 7, to obtain Pu oxide from authorized supplier in US & to hold or store in original shipping container pending transfer to specific licensee, or to export on receipt of export license.
CLARK, R.L. Amersham Corp. 70/02/04. 1p. 27604:061.
- 8411190275 "Certificate of Registration & Safety Analysis Summary for Amersham Corp Sealed Source Model CDC.V1."
WRIGHT, E.G., BROWNING, J.M. NRC - No Detailed Affiliation Given.
80/02/06. 2pp. 27604:143.
- 8411190276 License 12-12836-01 for Amersham/Searle Corp, authorizing use of any byproduct matl between Atomic Numbers 3 & 83, inclusive, for R&D, per 10CFR30, processing for distribution to authorized recipients.
BRINKMAN, R.E. Atomic Energy Commission. 68/05/21. 3pp.
27602:181.
- 8411190280 Application to renew License 12-12836-02E. Related info encl. Fee paid.
BAGBY, L.A. Amersham Corp. 08741. 81/08/13. Division of Fuel Cycle & Material Safety. 30pp. 27601:127.
- 8411190282 Forwards info re new source model for evaluation. Industrial Co-60 source based on capsule currently listed w/NRC for Cs-137 as Model CDC.800. Fee paid.
CORPPELL, D.A. Amersham Corp. 82/11/24. BROWN, J. Division of Fuel Cycle & Material Safety. 1p. 27602:184.
- 8411190284 Forwards results of tests on Pu-238 low energy photon sources.
TAPLEY, C.G. Amersham Corp. 1743. 69/05/26. LAYFIELD, R. Atomic Energy Commission. 4pp. 27604:062.
- 8411190285 "Certificate of Registration & Safety Analysis Summary for Amersham Corp Sealed Source Model CKC.V1."
WRIGHT, E.G., BROWNING, J.M. NRC - No Detailed Affiliation Given.
80/02/06. 2pp. 27604:145.
- 8411190287 Amended "Radiation Protection Policy Manual."
CASTELLO, J.L. Amersham Corp. 08741. 81/07/31. 111pp.
27601:157.
- 8411190290 Provides further info re fire protection in storage of SNM, authorized access & provisions for leak testing Pu sources.
CLARK, R.L. Amersham Corp. 69/02/26. LAYFIELD, R.L. Atomic Energy Commission. 2pp. 27604:066.
- 8411190293 Informs that Models CDC.V1, BDC.V1 & CKC.V1 acceptable for licensing, per 791005 application, supplemental info & 791212 & 800131 ltrs.
WRIGHT, E.G. Material Certification & Procedures Branch. 80/02/06.
HUNT, D. Amersham Corp. 1p. 27604:147.
- 8411190294 Lists radionuclides shipped in quantities exempt from licensing, per License 12-12836-02E, for Jul 1976 - June 1977.
BELGRAIR, D.P. Amersham Corp. 0034. 77/12/29. NRC - No Detailed Affiliation Given. 1p. 27601:258.
- 8411190297 Requests description of provisions for storage of matl re protection against fire & unauthorized access & provisions for leak testing Pu sources.
LAYFIELD, R.L. Atomic Energy Commission. 69/02/13. CLARK, R.L. Amersham Corp. 1p. 27604:068.
- 8411190298 Informs that 830504 application fee partially refunded due to overpayment.
JACKSON, G. License Fee Management Branch. 83/05/24. BAGBY, L.A. Amersham Corp. 1p. 27602:185.
- 8411190300 Provides addl info re lead pig container labeling for Models CDC.V1, BDC.V1 & CKC.V1, per 791012 evaluation of dose calibr check sources.
HUNT, D.G. Amersham Corp. 80/01/31. WRIGHT, E. Material Certification & Procedures Branch. 1p. 27604:148.

NONDOCKETED ITEMS

361

- 8411190304 Application for SNM license to own, receive, use, transfer, acquire & deliver small amounts of Pu-238, Pu-239, U-233 & U-235.
CLARK, R. L. Amersham Corp. 69/01/27. LAYFIELD, R. Atomic Energy Commission. 3pp. 27604:069.
- 8411190307 Application to renew License 12-12836-02E. Related info encl. GOETSCH, S. Amersham Corp. 82943. 76/07/23. Division of Fuel Cycle & Material Safety. 11pp. 27601:259.
- 8411190309 Provides addl info re Model CDC, VI, BDC, VI & CKC, VI dose calibrators, in response to 791206 request. Unpacking & handling instructions for radiation sources encl.
HUNT, D. G. Amersham Corp. 79/12/12. WRIGHT, E. Material Certification & Procedures Branch. 5pp. 27604:149.
- 8411190311 Forwards fee remittance for 820413 Amend 15 request to have radiological contingency plan incorporated into License 12-12836-01.
BAGBY, L. A. Amersham Corp. 11144. 82/05/24. JACKSON, G. NRC - No Detailed Affiliation Given. 1p. 27602:186.
- 8411190316 Informs that Nuclear-Chicago Corp. subsidiary of GD Searle & Co. will discontinue processing byproduct matl for distribution, including kits supplied by Radiochemical Ctr. Amersham/Searle Corp will assume operation.
CLARK, R. L. Amersham Corp. 68/06/17. BRINKMAN, R. E. Atomic Energy Commission. 2pp. 27604:072.
- 8411190317 Requests addl info re 791012 ltr & 791203 telcon request for certification of Amersham Corp Model CDC, VI, BDC, VI & CKC, VI sealed sources. Matl/Byproduct License 12-12836-05MD must be amended prior to distribution of sealed sources.
WRIGHT, E. G. Material Certification & Procedures Branch. 79/12/06. HUNT, D. G. Amersham Corp. 1p. 27604:154.
- 8411190318 Informs that 820413 Amend 15 request requires payment of Category 3A fee. Addl fee required for 810707 ltr informing NRC of T Finnigan appointment as radiation safety officer.
JACKSON, G. License Fee Management Branch. 11144. 82/05/11. BAGBY, L. A. Amersham Corp. 1p. 27602:187.
- 8411190322 Forwards fee for 801222 request for amend to License 12-12836-01.
BELGRAIR, D. P. Amersham Corp. 0667. 81/03/20. JACKSON, G. NRC - No Detailed Affiliation Given. 1p. 27602:188.
- 8411190323 Application for matl byproduct license to use & possess listed items. Vendor will assume control of facilities occupied by Nuclear-Chicago Corp.
* Amersham Corp. 68/06/17. BRINKMAN, R. E. Atomic Energy Commission. 9pp. 27604:074.
- 8411190328 Requests status update on progress of evaluation of dose calibrator check sources. Models CDC, VI, BDC, VI & CKC, VI, originally submitted on 791012.
HUNT, D. G. Amersham Corp. 79/11/14. WRIGHT, E. Division of Fuel Cycle & Material Safety. 1p. 27604:155.
- 8411190329 Describes 810317 telcon w/DP Belgrair & vice president of Amersham Corp re vendor response to radiological contingency planning order. Vendor will submit request to condition license to fall within exclusion limits of Encl 2 to order.
FISHER, F. D. NRC - No Detailed Affiliation Given. 81/04/09. NRC - No Detailed Affiliation Given. 1p. 27602:189.
- 8411190331 Amend 4 to Matl/Byproduct License 12-12836-03MD, changing Condition 12 per statements, representations & procedures contained in S Goetsch 750617, 0911, 760622 & 771227 ltrs.
WADE, L. Radioisotopes Licensing Branch (Pre 790501). 78/01/26. 1p. 27604:083.
- 8411190336 Forwards application & fee for safety evaluation of sealed sources. Models CDC, VI, BDC, VI & CKC, VI.
BELGRAIR, D. P. Amersham Corp. 79/10/12. WEISS, D. License Fee Management Branch. 1p. 27604:156.
- 8411190338 Forwards CH Paine paper, "Modern Afterloading Methods for Interstitial Radiotherapy," for possible listing as suitable for licensing of Ir-192 wire & Au-198 grains. Related info encl.
ANDREWS, F. Amersham Corp. 76/01/05. SHUPE, M. Radioisotopes Licensing Branch (Pre 790501). 15pp. 27604:187.
- 8411190340 Forwards info re dose calibrator check sources. Models CDC, VI, BDC, VI & CKC, VI, for licensing evaluation.
HUNT, D. G. Amersham Corp. 79/10/09. WRIGHT, E. Division of Fuel Cycle & Material Safety. 7pp. 27604:157.
- 8411190344 Requests status of reply to 1976 ltrs re range of Ir-192 & Au-198 sources used in interstitial & permanent implant therapy.
FLETCHER, K. E. Amersham Corp. 78/01/12. BASSIN, N. Radioisotopes Licensing Branch (Pre 790501). 1p. 27604:202.
- 8411190345 Amend 4 to Matl/Byproduct License 12-12836-05MD, amended in entirety, allowing distribution of listed devices, per 10CFR35.14.
BROWN, J. M. Radioisotopes Licensing Branch (Pre 790501). 78/12/12. 2pp. 27604:086.
- 8411190350 Informs that amend fee required, per 10CFR170.31(3A) for 801222 application for amend to License 12-12836-01.
JACKSON, G. License Fee Management Branch. 06667. 81/02/10. BELGRAIR, D. B. Amersham Corp. 1p. 27602:192.
- 8411190351 Forwards amended handling instructions for Model CDC-CY1.
FLETCHER, K. E. Amersham Corp. 95181. 78/11/17. BROWN, J. M. Division of Fuel Cycle & Material Safety. 2pp. 27604:164.
- 8411190352 Amend 3 to Matl/Byproduct License 12-12836-05MD, amending license in entirety, allowing distribution of devices listed in Condition 1 to persons licensed per 10CFR35.14.
COMBS, F. C. Radioisotopes Licensing Branch (Pre 790501). 78/04/26. 2pp. 27604:088.
- 8411190357 Forwards Time 770328 "Alternative to Mastectomy" & related vendor info re use of Ir-192 & Au-198 for interstitial therapy, per as yet unanswered vendor 760105 ltr.
DUNBAR, G. W. Amersham Corp. 77/04/07. SINGER, B. Radioisotopes Licensing Branch (Pre 790501). 10pp. 27604:205.
- 8411190358 Amend 2 to Matl/Byproduct License 12-12836-05MD, changing name of licensee from Amersham/Searle Corp to Amersham Corp.
BASSIN, N. Radioisotopes Licensing Branch (Pre 790501). 77/05/19. 1p. 27604:090.
- 8411190359 Informs that plastic tube labels must show only vendor Model CDC-CY1, per 780620 application to amend Matl/Byproduct License 12-12836-05MD. Handling instructions should be revised to compensate for lack of color coding.
BROWN, J. M. Division of Fuel Cycle & Material Safety. 78/10/25. FLETCHER, K. E. Amersham Corp. 1p. 27604:166.
- 8411190361 Forwards info in response to 780116 questions re measurement of Cs-137 needles & tubes.
FLETCHER, K. E. Amersham Corp. 78/02/07. COMBS, F. Radioisotopes Licensing Branch (Pre 790501). 5pp. 27604:215.
- 8411190363 Amend 1 to Matl/Byproduct License 12-12836-05MD, allowing distribution of ophthalmic applicator in Condition 1 & isotope assay calibr check source in Condition 2 to persons licensed per 10CFR35.14.
BASSIN, N. Radioisotopes Licensing Branch (Pre 790501). 77/03/02. 2pp. 27604:091.
- 8411190366 Requests info on specific GA procedures for determining source activity, accuracy of measurements, procedures & frequency for calibr measuring instruments & accuracy of calibr, per 771028 application to amend license.
COMBS, F. Radioisotopes Licensing Branch (Pre 790501). 78/01/16. FLETCHER, K. E. Amersham Corp. 1p. 27604:220.
- 8411190368 Matl/Byproduct License 12-12836-05MD, allowing distribution of ophthalmic applicator in Condition 1 to persons licensed per 10CFR35.14.
BELL, J. Radioisotopes Licensing Branch (Pre 790501). 76/11/05. 2pp. 27604:093.
- 8411190372 Application to amend Matl/Byproduct License 12-12836-05MD to include range of Cs-137 clinical sources. Full detail & test info encl, per 10CFR32.74. Max priority needed due to difficulties resulting from conflicting listings.
FLETCHER, K. E. Amersham Corp. 77/10/28. ST MARY, F. Radioisotopes Licensing Branch (Pre 790501). 22pp. 27604:221.
- 8411190373 Application for matl/byproduct license to mfg & distribute isotope assay calibr check source Model CDR 1185.
ANDREWS, F. Amersham Corp. 76/12/29. ST MARY, F. Radioisotopes Licensing Branch (Pre 790501). 9pp. 27604:243.
- 8411190376 Informs that clinical cesium therapy sources, Models CDC A-M & S acceptable for licensing, per vendor 720504 & 0721 ltrs.
DAVIS, F. C. Atomic Energy Commission, Directorate of Licensing. 72/08/24. DUNCUMBE, P. Amersham Corp. 4pp. 27604:252.

NONDOCKETED ITEMS

- 8411190378 Informs that Amersham/Searle Corp changed name to Amersham Corp as of 770401.
GOETSCH, S. J. Amersham Corp. 87323. 77/04/01. Radioisotopes Licensing Branch (Pre 790501). 4pp. 27604:256.
- 8411190381 Application for amend to Matl/Byproduct License 12-12836-05MD to include I-125 point source & Model IMCP2 for mfg & distribution.
FLETCHER, K. E. Amersham Corp. 78/10/04. BASSIN, N. Radioisotopes Licensing Branch (Pre 790501). 1p. 27604:167.
- 8411190382 Requests listed addl info to complete application for distribution of Model SIA. 20 ophthalmic device, per 751229 & 760701 ltrs.
ST MARY, F. Radioisotopes Licensing Branch (Pre 790501). 76/08/18. ANDREWS, F. Amersham Corp. 2pp. 27604:260.
- 8411190384 Confirms that each Cs-137 source, after loading, is accompanied by test rept w/ results of measurements or assays in mCi & cross-referenced against serial numbers for each source.
FLETCHER, K. E. Amersham Corp. 78/10/02. BROWN, J. Radioisotopes Licensing Branch (Pre 790501). 2pp. 27604:168.
- 8411190387 Provides further info re 751229 application for matl/byproduct license to distribute ophthalmic applicator Model SIA. 20 containing 80 mCi Sr-90/Yt-90, per Shupe 760213 request.
ANDREWS, F. Amersham Corp. 76/07/01. Radioisotopes Licensing Branch (Pre 790501). 8pp. 27604:262.
- 8411190388 Amend 3 to Matl/Byproduct License 12-12836-03MD, changing name of licensee from Amersham/Searle Corp to Amersham Corp, per 770401 application.
WADE, L. Radioisotopes Licensing Branch (Pre 790501). 77/05/19. 1p. 27605:183.
- 8411190391 Matl/Byproduct License 12-12836-06G, authorizing distribution of foil Model PDM 1001 for PDM 10014 static eliminator containing Po-210.
GUINN, P. R. Radioisotopes Licensing Branch (Pre 790501). 81/09/24. 3pp. 27604:312.
- 8411190393 Application to amend Matl/Byproduct License 12-12836-05MD to include range of Cs-137 clinical after loading sources for mfg & distribution. Related info encl.
FLETCHER, K. E. Amersham Corp. 5181. 78/06/20. BASSIN, N. Radioisotopes Licensing Branch (Pre 790501). 13pp. 27604:170.
- 8411190398 Application to amend Matl/Byproduct License 12-12836-05MD to include Am-241 point source Model AMCP1 & I-125 point source Model IMCP1 for mfg & distribution.
FLETCHER, K. E. Amersham Corp. 78/06/19. BASSIN, N. Radioisotopes Licensing Branch (Pre 790501). 1p. 27604:183.
- 8411190400 Informs that specific request for amend to License 12-12836-03MD necessary for distribution of Ir-192 wire & Au-198 grains. Sources should be calibr w/ 5% accuracy.
COMBS, F. Radioisotopes Licensing Branch (Pre 790501). 78/05/02. FLETCHER, K. E. Amersham Corp. 2pp. 27604:184.
- 8411190401 Application for matl/byproduct license to distribute ophthalmic applicator Model SIA. 20 containing Sr-90, per 10CFR33.100(f)(7). Fee encl.
GOETSCH, S. Amersham Corp. 76/03/05. SHUPE, M. Radioisotopes Licensing Branch (Pre 790501). 8pp. 27604:270.
- 8411190402 Notifies of refund of 790828 application fee. Fee not required for evaluation of Model PDM 1001H static eliminator device because product intended for distribution to general licensees, per License 12-12836-06G.
JACKSON, G. License Fee Management Branch. 82/09/08. FLETCHER, K. E. Amersham Corp. 1p. 27604:315.
- 8411190404 Provides further info re application to distribute Model SIA. 20 ophthalmic applicator, per 760818 request.
ANDREWS, F. Amersham Corp. 76/09/02. ST MARY, F. A. Radioisotopes Licensing Branch (Pre 790501). 22pp. 27604:278.
- 8411190405 Forwards fee for evaluation of Model PDM 1001 & PDM 1001H alpha emitting foils.
GLASS, L. Amersham Corp. 79/09/20. JACKSON, G. License Fee Management Branch. 1p. 27604:316.
- 8411190407 Notifies that 761229 application for matl license will be considered abandoned unless addl info requested on 760213 received within 30 days. Notice w/o prejudice to resubmission of application.
SHUPE, M. W. Radioisotopes Licensing Branch (Pre 790501). 76/05/25. ANDREWS, F. Amersham Corp. 1p. 27604:300.
- 8411190409 Advises of transfer of static elimination device to Aplik, Inc in Charlotte, NC during First Quarter 1982.
BAGBY, L. A. Amersham Corp. 11055. 82/04/07. Radioisotopes Licensing Branch (Pre 790501). 1p. 27604:321.
- 8411190411 Advises that Model SIA. 20 acceptable for licensing, per 751229 request for evaluation. Application for specific matl license should be made, per 10CFR32.74.
SHUPE, M. W. Radioisotopes Licensing Branch (Pre 790501). 76/02/13. ANDREWS, F. Amersham Corp. 2pp. 27604:302.
- 8411190412 Forwards "Measurements of Dose Rate From Static Eliminator Bar," Radiochemical Ctr 800531 rept.
HUNT, D. G. Amersham Corp. 81/08/26. WRIGHT, E. E. Material Certification & Procedures Branch. 1p. 27604:322.
- 8411190414 PTN 80/5
"Measurements of Dose Rate From Static Eliminator Bar."
COOK, D. A. Amersham Corp. 80/05/31. 5pp. 27604:323.
- 8411190417 Requests evaluation of Model SIA. 20 ophthalmic applicator containing Sr-90/Yt-90 as suitable for licensing.
ANDREWS, F. Amersham Corp. 75/12/29. SHUPE, M. Radioisotopes Licensing Branch (Pre 790501). 8pp. 27604:304.
- 8411190419 Informs that Model PDM 1001 foil source & Model PDM 1001H static eliminator device combination acceptable for licensing, per 10CFR31.5 & 32.51. Certificate of registration & safety analysis summaries encl.
WRIGHT, E. G. Material Certification & Procedures Branch. 81/08/28. HUNT, D. Amersham Corp. 14pp. 27604:328.
- 8411190422 Forwards "Integrity of Radioactive Static Eliminators," Radiochemical Ctr 780331 rept.
HUNT, D. G. Amersham Corp. 81/08/07. WRIGHT, E. G. Material Certification & Procedures Branch. 1p. 27604:342.
- 8411190424 TRC 407
"Integrity of Radioactive Static Eliminators."
SENIOR, B. J. Amersham Corp. 78/03/31. 33pp. 27604:343.
- 8411190426 Forwards Natl Radiological Protection Board final rept on vendor static eliminator, w/o encl.
HUNT, D. G. Amersham Corp. 81/07/22. WRIGHT, E. G. Material Certification & Procedures Branch. 1p. 27605:014.
- 8411190427 Forwards repts re 3M static eliminator brush that has general license, ORNL rept missing last page, w/o ORNL rept.
HUNT, D. G. Amersham Corp. 81/07/06. WRIGHT, E. G. Material Certification & Procedures Branch. 1p. 27605:015.
- 8411190431 NRBP-R36
"Assessment of Hazard to Public From Anti-Static Brushes Containing Po-210 in Form of Ceramic Microspheres."
WEBB, G. A., WILKINS, B. T., WRIXON, A. D. United Kingdom. NRBP-R36. 75/08/31. 28pp. 27605:016.
- 8411190432 Forwards draft "Assessment of Radiological Consequences of Fires Involving Po-210 Static Eliminators," Natl Radiological Protection Board 810331 rept & Radiochemical Ctr 800531 dose info.
HUNT, D. G. Amersham Corp. 81/06/12. WRIGHT, E. G. Material Certification & Procedures Branch. 1p. 27605:043.
- 8411190433 Amend 2 to Matl/Byproduct License 12-12836-03MD, changing license in entirety.
* Radioisotopes Licensing Branch (Pre 790501). 76/08/13. 2pp. 27605:184.
- 8411190435 Draft "Assessment of Radiological Consequences of Fires Involving Po-210 Static Eliminators."
WILKINS, B. T., DIXON, D. W. United Kingdom. 81/03/31. 14pp. 27605:044.
- 8411190436 Amend 1 to Matl/byproduct License 12-12836-03MD, changing Condition 12, per 750807 ltr.
* Division of Fuel Cycle & Material Safety. 75/10/01. 1p. 27605:186.
- 8411190440 Matl/Byproduct License 12-12836-03MD, authorizing distribution of Co-58 labeled Cyanocobalamin to persons licensed per 10CFR35.14 & 10CFR35.100.
* Division of Fuel Cycle & Material Safety. 75/08/07. 2pp. 27605:187.

NONDOCKETED ITEMS

363

- 8411190443 Approves request for withholding design drawings submitted w/790412 application for matl/byproduct license to distribute static eliminators containing Po-120 (ref 10CFR2.790). MILLER, V. L. Materials Licensing Branch. 80/05/20. BELGRAIR, D. P. Amersham Corp. 3pp. 27605:093.
- 8411190446 Forwards ltr & info originally sent on 771028 re Cs-137 clinical sources, per recent telcon. FLETCHER, K. E. Amersham Corp. 78/01/11. PSOMAS, P. Radioisotopes Licensing Branch (Pre 790501). 1p. 27605:189.
- 8411190448 Provides addl info re request for safety evaluation & registration of alpha emitting foil based on Po-210. Models PDM.1001 & PDM.1001H, per recent telcon. HUNT, D. G. Amersham Corp. 80/01/02. BROWN, J. M. Material Certification & Procedures Branch. 2pp. 27605:098.
- 8411190451 Application to amend Matl/Byproduct License 12-12836-05MD, to include range of Cs-137 clinical sources for mfg & distribution, per 10CFR35.100. Related info encl. FLETCHER, K. E. Amersham Corp. 77/10/28. ST MARY, F. Radioisotopes Licensing Branch (Pre 790501). 22pp. 27605:190.
- 8411190463 Requests refund be made to Amersham/Searle Corp for fee mistakenly accepted for medical distribution (MD) license 750617 application. Application fees not charged if applicant holds existing licenses under Category 3A or B. MILLER, W. O. License Fee Management Branch. 77/04/12. LINCOLN, J. D. Office of the Controller. 1p. 27605:216.
- 8411190471 Forwards info re alpha emitting foil based on Po-210, for evaluation as suitable for licensing. Fee encl. FLETCHER, K. E. Amersham Corp. 79/08/28. WRIGHT, E. Material Certification & Procedures Branch. 17pp. 27605:121.
- 8411190477 "Assessment of Radiological Consequences of Fires Involving Po-210 Static Eliminators." WILKINS, B. T., DIXON, D. W. United Kingdom. 81/06/30. 14pp. 27604:167.
- 8411190503 Application to amend License 12-12836-03MD, to add Item 26 of Section 35.100. Ibrin human fibrogen, to list of products for distribution to Group II license holders. BELGRAIR, D. P. Amersham Corp. 77/12/27. BOWYER, J. Division of Fuel Cycle & Material Safety. 12pp. 27605:217.
- 8411190515 Application to renew Matl/Byproduct License 12-12836-03MD for distribution of Co-58 (labeled cyanocobalamin for intestinal studies) & Se-75 (labeled selenomethionine for pancreas imaging). GOETSCH, S. Amersham Corp. 82444. 76/06/22. BOWYER, J. Division of Fuel Cycle & Material Safety. 1p. 27605:233.
- 8411190520 Withdraws 760121 application to amend matl/byproduct license due to unexpected delays in FDA approval of new drug application for radionuclide-labeled human fibrinogen. Application will be resubmitted upon FDA approval. GOETSCH, S. Amersham Corp. 1135. 76/04/20. BOWYER, J. E. Radioisotopes Licensing Branch (Pre 790501). 1p. 27605:234.
- 8411190528 Requests evidence of FDA approval of new drug application for I-125 human fibrogen for detection & monitoring of deep vein thrombosis, per 760311 telcon. Application may be resubmitted upon FDA approval. BOWYER, J. E. Radioisotopes Licensing Branch (Pre 790501). 76/03/30. GOETSCH, S. Amersham Corp. 1p. 27605:235.
- 8411190536 Forwards 760121 ltr corrected to include date. Ref matl originally encl not resubmitted. Wording to describe use of I-125 iodinated human fibrogen proposed, per rule change requested in 10CFR35.100. Vendor will notify of FDA approval. GOETSCH, S. Amersham Corp. 0463. 76/02/06. BOWYER, J. Division of Fuel Cycle & Material Safety. 1p. 27605:236.
- 8411190558 Suppl to application to amend matl/byproduct License 12-12836-03MD to distribute selenomethionine Sc-75 injection. Catalogue Code Sc.10P. Addl info provided re radiation levels emitted by product as packaged. GOETSCH, S. Amersham Corp. 3714. 76/09/11. BOWYER, J. E. Division of Fuel Cycle & Material Safety. 2pp. 27605:249.
- 8411190564 Suppl to 750617 application for matl/byproduct license to distribute Groups I & II diagnostic radiopharm products under 10CFR32.72. Describes addl product for distribution of selenomethionine Se-75 injection for pancreas imaging. GOETSCH, S. Amersham Corp. 3784. 75/08/07. Division of Fuel Cycle & Material Safety. 2pp. 27605:251.
- 8411190567 Application for matl/byproduct license to distribute Groups I & II diagnostic radiopharm products under 10CFR32.72. Related info encl. GOETSCH, S. Amersham Corp. 57018. 75/06/17. Division of Fuel Cycle & Material Safety. 74pp. 27605:253.
- 8411190576 Application to amend matl/byproduct License 12-12836-03MD to include distribution of Ibrin, I-125 human fibrogen, Catalogue Code AS.100P, for Group II list. Application corrected to include data, w/o encls originally submitted. GOETSCH, S. Amersham Corp. 0463. 76/01/21. BOWYER, J. Division of Fuel Cycle & Material Safety. 2pp. 27605:237.
- 8411190582 Application to amend matl/byproduct License 12-12836-03MD to include distribution of Ibrin, I-125 human fibrogen, Catalogue Code AS.100P, for Group II list. Application corrected to include data. GOETSCH, S. Amersham Corp. 60216. 76/01/21. BOWYER, J. Division of Fuel Cycle & Material Safety. 10pp. 27605:239.
- 8411190150 Advises that 701015 application for matl/byproduct license will be considered abandoned unless addl info requested on 701110 received within 30 days. MALARD, J. C. Atomic Energy Commission. 71/01/08. CLARK, R. L. Amersham Corp. 1p. 27601:293.
- 8411290141 Appeals denial of FOIA request for withheld portions of LASL LA-7845-MS, "Consequences of Sabotage of Nonpower Reactors." AFTERGOOD, S. Committee to Bridge the Gap. 84/03/28. Office of the Executive Director for Operations. 2pp. 27698:214.
- 8411290154 Responds to appeal re denial of FOIA request for withheld portions of LASL LA-7845-MS, "Consequences of Sabotage of Nonpower Reactors." Appeal denied. Portions of rept still withheld (ref FOIA Exemption 1). DIRKS, W. J. Office of the Executive Director for Operations. 84/05/09. AFTERGOOD, S. Committee to Bridge the Gap. 2pp. 27698:218.
- 8411290163 Responds to FOIA request for records re problems encountered by util during hot functional testing. Document withheld (ref FOIA Exemption 4). FELTON, J. M. Division of Rules and Records. 84/05/14. BERNABEI, L. Government Accountability Project. 2pp. 27698:210. 24X Fiche: 50-528. 84/03/14. 8411290163.
- 8411290174 Responds to FOIA request for documents generated or received by NRC since 820331 re Hayward Tyler Pump Co. Forwards documents in App A. Portions withheld (ref FOIA Exemptions 6 & 7(c)). FELTON, J. M. Division of Rules and Records. 84/05/14. LODGE, B. Dallas Morning News, Dallas, TX. 3pp. 27698:178.
- 8411290179 Forwards documents requested in 830607 & 10 ltrs. Requests documents be withheld. PALLADINO, N. J. Commissioners. 83/06/17. MARKEY, E. J. House of Rep., Interior & Insular Affairs. 2pp. 27698:182.
- 8411290183 Forwards documents requested re Ofc of Inspector & Auditor investigation into NRC handling of Hayward Tyler Pump Co matter. Info partially withheld (ref FOIA Exemptions 6 & 7(c)). CUMMINGS, J. J. Office of Inspector & Auditor. 82/07/15. Affiliation Not Assigned. 1p. 27698:185.
- 8411290188 Forwards DOJ ltr declining prosecution re activity in connection w/Hayward Tyler Co investigation. Info partially withheld (ref FOIA Exemptions 6 & 7(c)). CUMMINGS, J. J. Office of Inspector & Auditor. 82/06/30. Commissioners. 1p. 27698:186.
- 8411290208 Summary of 820623 meeting w/P Norry & D Dambly re actions to be taken by Ofc of Administration pursuant to Part VI, Manual Chapter App 4124. Info partially withheld (ref FOIA Exemption 6 & 7(c)). SMITH, R. M. Office of Inspector & Auditor. 82/06/23. CUMMINGS, J. J. Office of Inspector & Auditor. 4pp. 27698:187.
- 8411290214 Advises that matl submitted by 820503 ltr lacks prosecutive merit. Info partially withheld (ref FOIA Exemptions 6 & 7(c)). McDONELL, G. E., CARVER, G. A. Justice, Dept. of. 82/03/26. CUMMINGS, J. J. Office of Inspector & Auditor. 1p. 27698:191.
- 8411290220 Forwards documents re allegations which initiated Hayward Tyler Pump Co insp/investigation. Case meets threshold test of being substantiated. Info partially withheld (ref FOIA Exemptions 6 & 7(c)). CUMMINGS, J. J. Office of Inspector & Auditor. 82/05/03. CARVER, G. A. Justice, Dept. of. 7pp. 27698:192.

NONDOCKETED ITEMS

- 8411290227 Discusses inquiry into NRC handling of Hayward Tyler Pump Co insp/investigation. Info partially withheld (ref FOIA Exemptions 6 & 7(c)). GAMBLE, D.H. Office of Inspector & Auditor. 82/03/30. Office of Inspector & Auditor. 5pp. 27698:199.
- 8411290234 Discusses apparent conflict of interest during investigation into NRC handling of Hayward Tyler Pump Co insp/investigation. Info partially withheld (ref FOIA Exemptions 6 & 7(c)). GAMBLE, D.H. Office of Inspector & Auditor. 82/04/05. CUMMINGS, J.J. Office of Inspector & Auditor. 6pp. 27698:204.
- 8411290178 FOIA request for revised App J, Working Paper D5 & draft Reg Guide MS 021-5, Working Paper B to be placed in PDR. CONNOR, L. Doc-Search Associates. 84/04/09. Division of Rules and Records. 1p. 27699:287.
- 8411290181 FOIA request for documents re FIN A-3719, "Ice Condenser Containment." SHOLLY, S.C. Union of Concerned Scientists. FIN A-3719. 84/03/30. FELTON, J.M. Division of Rules and Records. 1p. 27694:055.
- 8411290182 Responds to FOIA request for proposed general rev to 10CFR50, App J, Working Paper D5 & draft Reg Guide MS 021-5, Working Paper B to be placed in PDR. Documents placed in PDR. FELTON, J.M. Division of Rules and Records. 84/06/01. CONNOR, L. Doc-Search Associates. 1p. 27699:288.
- 8411290185 Responds to FOIA request that two categories of records re FIN A-3719 be made available at PDR. Documents identified on encl app placed in PDR. NUREG/CR-3716 already available at PDR. FELTON, J.M. Division of Rules and Records. FIN A-3719. 84/05/24. SHOLLY, S.C. Union of Concerned Scientists. 2pp. 27694:056.
- 8306020266 Requests addition of Generic Issue B-54, "Ice Condenser Containments," to NRR FY 83 operating plan, App F, Generic issue mgt control sys form encl. CAPRA, R. Division of Systems Integration (post 811005). 83/05/18. BOLANDER, L. Planning & Program Analysis Staff. 2pp. 27694:137.
- 8411290192 Forwards std order for DOE work: "Generic Containment Analysis," per 780204 DOE/NRC MOU. Proposal containing info set forth in Encl 3 in format of statement of work should be submitted within 30 days. MATTSO, R.J. Division of Systems Integration (post 811005). FIN A-3719. 83/01/26. OGEKA, G.J. Brookhaven National Laboratory. 6pp. 27694:058.
- 8411290200 Std order for DOE work: "Generic Containment Analysis." MATTSO, R.J. Division of Systems Integration (post 811005). * Brookhaven National Laboratory. FIN A-3719-3. 20-83-230. 83/01/26. 10pp. 27694:064.
- 8411290205 Forwards std order for DOE work: "Generic Containment Analysis." OGEKA, G.J. Energy, Dept. of. FIN A-3719. 83/02/10. DANDIS, D.B. Division of Accounting & Finance. 1p. 27694:074.
- 8411290213 Requests that FIN A-3719 be removed from category of FY83 FINs requiring license fee data, in response to Div of Sys Integration 830202 Memo & 830210 telcon. RUTH, L.C. Containment Systems Branch. FIN A-3719. 83/03/15. BOYD, B.H. Division of Systems Integration (post 811005). 1p. 27694:084.
- 8411290218 "Generic Containment Analysis," monthly highlights for Feb 1983. Balance of expected funds should be sent so that level of effort may continue w/o interruption. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/03/21. RUTH, L.C. Containment Systems Branch. 3pp. 27694:085.
- 8411290221 "Generic Containment Analysis," monthly highlights for Mar 1983. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/04/11. RUTH, L.C. Containment Systems Branch. 3pp. 27694:088.
- "Generic Containment Analysis," monthly highlights for Apr 1983. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/05/09. RUTH, L.C. Containment Systems Branch. 3pp. 27694:091.
- "Generic Containment Analysis," monthly highlights for May 1983. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/06/16. RUTH, L.C. Containment Systems Branch. 3pp. 27694:094.
- 8411290235 "Generic Containment Analysis," monthly highlights for June 1983. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/07/20. RUTH, L.C. Containment Systems Branch. 3pp. 27694:097.
- 8411290238 "Generic Containment Analysis," monthly highlights for Jul 1983. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/08/15. RUTH, L.C. Containment Systems Branch. 3pp. 27694:100.
- 8411290243 "Generic Containment Analysis," monthly highlights for Aug 1983. Cumulative fee recovery cost info for FY83 for FINs A-3346 & A-3396 corrected. Rept does not reflect addl funds received in Sept 1983 for FIN A-3736. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/09/20. RUTH, L.C. Containment Systems Branch. 3pp. 27694:103.
- 8411290253 "Generic Containment Analysis," monthly highlights for Sept 1983. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/10/17. RUTH, L.C. Containment Systems Branch. 3pp. 27694:106.
- 8411290260 Forwards "Generic Containment Analysis," monthly highlights for Oct 1983. Funds received, as shown on financial status page of FIN A-3704, do not reflect funds received in Nov 1983. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/11/17. HODGES, M.W. Reactor Systems Branch. 1p. 27694:109.
- 8411290265 "Generic Containment Analysis," monthly highlights for Oct 1983. Requests that balance of expected funds be sent so that level of effort may continue w/o interruption. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/11/17. RUTH, L.C. Containment Systems Branch. 3pp. 27694:110.
- 8411290274 "Generic Containment Analysis," monthly highlights for Nov 1983. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 83/12/19. RUTH, L.C. Containment Systems Branch. 4pp. 27694:113.
- 8411290279 "Generic Containment Analysis," monthly highlights for Dec 1983. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 84/01/16. RUTH, L.C. Containment Systems Branch. 3pp. 27694:117.
- 8411290282 "Generic Containment Analysis," monthly highlights for Jan 1984. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 84/02/16. RUTH, L.C. Containment Systems Branch. 4pp. 27694:120.
- 8411290288 "Generic Containment Analysis," monthly highlights for Feb 1984. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 84/03/16. RUTH, L.C. Containment Systems Branch. 3pp. 27694:124.
- 8411290291 "Generic Containment Analysis," monthly highlights for Mar 1984. KATO, W.Y. Brookhaven National Laboratory. FIN A-3719. 84/04/16. RUTH, L.C. Containment Systems Branch. 3pp. 27694:127.
- 8411290296 Forwards executed copy of std order for DOE work: "Generic Containment Analysis." OGEKA, G.J. Brookhaven National Laboratory. FIN A-3719. 83/04/14. DANDIS, D.B. Division of Accounting & Finance. 1p. 27694:130.
- 8411290299 Std order for DOE work: "Generic Containment Analysis." MATTSO, R.J. Division of Systems Integration (post 811005). OGEKA, G.J. Brookhaven National Laboratory. FIN A-3719-3. 20-83-375. 83/04/15. 1p. 27694:131.
- 8411290309 Forwards std order for DOE work: "Generic Containment Analysis," per DOE/NRC 780204 MOU. Proposal acceptable. Monthly business rept format in 830126 ltr required to be followed. MATTSO, R.J. Division of Systems Integration (post 811005). FIN A-3719. 83/03/25. OGEKA, G.J. Brookhaven National Laboratory. 1p. 27694:132.
- 8411290327 Commends CC Lin for excellent technical support to Containment Sys Branch. CC Lin worked on "Containment Generic Analysis Program" & incorporated hydrogen burn option & suppression pool capability into Contempt 4/Mod 4 Code. BUTLER, M.R. Containment Systems Branch. FIN A-3719. 83/06/20. KATO, W.Y. Brookhaven National Laboratory. 2pp. 27694:139.
- 8411290332 Forwards listing of accrued costs for NRC programs where costs approached or exceeded 90% of authorized funding levels. OGEKA, G.J. Brookhaven National Laboratory. FIN A-3719. 83/12/21. ORENIER, B.L. Technical Support Branch. 2pp. 27694:141.

NONDOCKETED ITEMS

365

--8411290340 Forwards executed std order for DOE work Number 20-84-126. OGEKA, G. J. Brookhaven National Laboratory. FIN A-3719. 84/01/04. DANDONIS, D. B. Division of Accounting & Finance. 1p. 27694:143.

--8411290350 Std order for DOE work: "Generic Containment Analysis." MATTSO, R. J. Division of Systems Integration (post 811005). FIN A-3719. OGEKA, G. J. Brookhaven National Laboratory. FIN A-3719-4. 20-84-126. 84/01/04. 4pp. 27694:144.

--8411290393 Forwards std order for DOE work: "Generic Containment Analysis." per DOE/NRC 780224 MOU. MATTSO, R. J. Division of Systems Integration (post 811005). FIN A-3719. 83/12/14. OGEKA, G. J. Brookhaven National Laboratory. 1p. 27694:148.

--8411290603 Project & budget proposal for NRC work: "Generic Containment Analysis." KATO, M. Y., MAISE, G., KOUTS, H. J. Brookhaven National Laboratory. FIN A-3719. 83/02/23. RUTH, L., NOTAFRANCESCO Containment Systems Branch. 7pp. 27694:076.

8411290186 FOIA request for any NRC technical evaluation rept, SER, or evaluation rept of plant RCS overpressurization mitigation sys, as described to NRC in 780906 ltr. PEDRO, J. NUS Corp. CD-LIS-84-293. 84/04/18. Division of Rules and Records. 1p. 27699:283. 24X Fiche: 50-348, 84/04/18, 8411290186.

8411290189 Appeals denial of FOIA request for info re OESAR-II PRA. SHOLLY, S. C. Union of Concerned Scientists. 84/04/05. DIRCKS, W. Office of the Executive Director for Operations. 2pp. 27690:049. 24X Fiche: 50-447, 84/04/05, 8411290189.

8411290190 FOIA request that NRC Ofc Ltr 2 dtd 811030 & Rev 1, Suppl 1 dtd 811123 be placed in PDR. PEDRO, J. NUS Corp. CD-LIS-84-248. 84/04/04. Division of Rules and Records. 1p. 27698:304.

8411290191 Responds to FOIA request for any NRC technical evaluation rept, SER or evaluation rept of plant RCS overpressurization mitigation sys, Copy of NRC SER dtd 790731 located in PDR. FELTON, J. M. Division of Rules and Records. 84/05/14. PEDRO, J. NUS Corp. 1p. 27699:286. 24X Fiche: 50-348, 84/05/14, 8411290191.

8411290193 FOIA request for transcript of Commission 840124 meeting re future steps to TMI-1 restart. RYAN, M. L. McGraw-Hill Publications Co. 84/02/23. Office of Administration. 1p. 27699:214. 24X Fiche: 50-289, 84/02/23, 8411290193.

8411290195 FOIA request for results & deliberations of Caseload Forecast Panel for sites visited between 830901-840405. PARSHLEY, P. C. Donaldson, Lufkin & Jenrette. 84/04/06. FELTON, J. M. Division of Rules and Records. 1p. 27699:268.

8411290197 Responds to FOIA request that NRC Ofc Ltr 2 dtd 811030 & Rev 1, Suppl 1 dtd 811123 be placed in PDR. Forwards App A documents, Documents also available in PDR. FELTON, J. M. Division of Rules and Records. 84/05/09. PEDRO, J. NUS Corp. 2pp. 27698:305.

--8411290210 Forwards listing of current assignments for review responsibility for SRP sections. Proposed future changes to review assignments should be transmitted to chief, Licensing Guidance Branch w/indication of div director approval. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 81/10/30. Office of Nuclear Reactor Regulation, Director. 18pp. 27698:307.

--8411290216 Informs that NUREG-0800, "SRP for Review of SAR for Nuclear Power Plants," distributed to contractors & consultants. Appreciation expressed for dedication to effort. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 81/11/23. Office of Nuclear Reactor Regulation, Director. 3pp. 27698:325.

8411290198 Partial response to FOIA request for documents re Caseload Forecast Panel site visits between 830901-840405. App A documents available in PDR. FELTON, J. M. Division of Rules and Records. 84/06/04. PARSHLEY, P. C. Donaldson, Lufkin & Jenrette. 11pp. 27699:269.

8411290203 FOIA request for list of Co-60 machines in Philadelphia & in central & south New Jersey areas. NETTLETON, V. Cooper Hosp./Univ. Medical Center, Camden, NJ. 84/04/12. FELTON, J. M. Division of Rules and Records. 1p. 27699:259.

8411290209 Responds to FOIA request for transcripts of Commission 840124 meeting on future steps to TMI-1 restart. Portion of transcript available in PDR. Portions of transcript withheld. HOYLE, J. C. Office of the Secretary of the Commission. 84/06/04. RYAN, M. L. McGraw-Hill Publications Co. 1p. 27699:215. 24X Fiche: 50-289, 84/06/04, 8411290209.

8411290215 FOIA request for records re Ford amend study. Copy of viewgraphs encl. LEIGHTON, A. P. Shaw, Pittman, Potts & Trowbridge. 84/04/17. FELTON, J. M. Division of Rules and Records. 12pp. 27699:289.

8411290219 FOIA request for documents re electrical relay failures including Class IE relay failures at listed plants & utilization of GE Type HFA 51 Series ac relays or other relays using Lexan as coil spool matl. BELL, N. Nuclear Information & Resource Service. 84/04/25. Office of Administration. 2pp. 27698:352. 24X Fiche: 50-000, 84/04/25, 8411290219.

8411290222 Partial response to FOIA request for records re Ford amend study, per 840503 telcon. Documents listed in App A available in PDR. FELTON, J. M. Division of Rules and Records. 84/05/03. LEIGHTON, A. P. Shaw, Pittman, Potts & Trowbridge. 3pp. 27699:301.

8411290224 FOIA request for records re Nuclear Svcs Corp 1977 audit of Pullman Power Products. REYNOLDS, J. Center for Law in the Public Interest. 84/01/20. Office of Administration. 2pp. 27698:289. 24X Fiche: 50-275, 84/01/20, 8411290224.

8411290229 Responds to FOIA request for list of Co-60 machines in Philadelphia & in central & south New Jersey areas. Computer printout encl. FELTON, J. M. Division of Rules and Records. 84/05/09. NETTLETON, V. Cooper Hosp./Univ. Medical Center, Camden, NJ. 1p. 27699:260.

--8411290236 "Active Licenses in States of PA, NJ & DE." * NRC - No Detailed Affiliation Given. 84/04/26. 7pp. 27699:261.

8411290231 FOIA request that SEP Owners Group response to NRC 830909 ltr on proposed SEP Phase III topic definitions be placed in PDR. PEDRO, J. NUS Corp. CD-LIS-84-271. 84/04/10. Division of Rules and Records. 1p. 27699:308.

8411290237 Further response to FOIA request for records re Nuclear Svcs Corp 1977 audit of Pullman Power Products. Dircks 831107 memo to Commissioners encl. FELTON, J. M. Division of Rules and Records. 84/05/09. REYNOLDS, J. Center for Law in the Public Interest. 1p. 27698:291. 24X Fiche: 50-275, 84/05/09, 8411290237.

--8411290246 Forwards analysis of reportability of Nuclear Svc Corp 1977 audit of Pullman Power Products GA program, per 831103 meeting request. DIRCKS, W. J. Office of the Executive Director for Operations. 83/11/07. FALLADINO, GILINSKY, ROBERTS Commissioners. 12pp. 27698:292. 24X Fiche: 50-275, 84/05/09, 8411290237.

8411290240 Partial response to FOIA request for documents re electrical relay failures, including 1983 Class IE relay failures at listed plants. Documents listed on encl printouts available in PDR. FELTON, J. M. Division of Rules and Records. 84/05/17. BELL, N. Nuclear Information & Resource Service. 2pp. 27698:354. 24X Fiche: 50-000, 84/05/17, 8411290240.

--8411290255 Forwards IE Bulletins 76-02 & 76-03 for distribution to all OL & CP holders for power reactor facilities within 2 working days. Regional ofc directors authorized to grant extensions for reporting requirements of bulletins. THOMPSON, D. Director's Office, Office of Inspection and Enforcement. IEB-76-02. 78/03/15. O'REILLY, J. P. Region 1, Philadelphia, Office of the Director. MOSELEY, J. C. Region 2, Atlanta, Office of the Director. KEPLER, J. Q. Region 3, Chicago, Office of the Director. 218pp. 27698:356.

8411290241 FOIA request for SECY-84-86 to be placed in PDR. BUCKLES, R. NUS Corp. CD-LIS-84-289. 84/04/17. Division of Rules and Records. 1p. 27698:109.

8411290242 Responds to FOIA request for SEP Owners Group response to NRC 830902 ltr on proposed SEP Phase III topic definitions. Documents available in PDR. FELTON, J. M. Division of Rules and Records. 84/05/09. PEDRO, J. NUS Corp. 1p. 27699:309.

NONDOCKETED ITEMS

- 8411290245 Responds to FOIA request for SECY-84-86 to be placed in PDR. Document available in PDR.
FELTON, J.M. Division of Rules and Records. 84/05/23. BUCKLES, R. NUS Corp. 1p. 27698:110.
- 8411290249 SECY-84-086
Informs Commission that DOE is submitting to Congress update to 1983 program mgt plan for conduct of R&D & demonstration program for improving safety of nuclear power plants.
DIRCKS, W.J. Office of the Executive Director for Operations. 84/02/21. 65pp. 27698:111.
- 8411290261 Submits comments on "Program Mgt Plan for Conduct of R&D & Demonstration Program for Improving Safety of Nuclear Power Plants."
GILLESPIE, F.P. Office of Nuclear Regulatory Research, Director. 84/01/27. MILLUNZI, A.C. Energy, Dept. of. 1p. 27698:176.
- 8411290267 Confirms telcon re delaying response to 831117 request to review DOE LWR research mgt plan, pending receipt of major rev. Use of NRC budget projection reducing 5-yr estimated program cost recommended.
GILLESPIE, F.P. Office of Nuclear Regulatory Research, Director. 83/12/05. MILLUNZI, A.C. Energy, Dept. of. 1p. 27698:177.
- 8411290248 FOIA request for copies of radiation device certificates issued to New England Nuclear Corp.
HAMMITT, H.H. FOI Services. 3574. 84/04/20. FELTON, J.M. Division of Rules and Records. 1p. 27699:318.
- 8411290252 Responds to FOIA request for radiation device certificates issued to New England Nuclear Corp. Forwards documents listed in App A. Documents also available in PDR.
FELTON, J.M. Division of Rules and Records. 84/05/09. HAMMITT, H.A. FOI Services. 2pp. 27699:319.
- 8411290257 "Registry of Radioactive Sealed Sources & Devices, Safety Evaluation of Device."
* NRC - No Detailed Affiliation Given. 84/05/09. 14pp. 27699:321.
- 8411290254 FOIA request for documents re four categories of info concerning subduction zones & low angle thrust faults in Pacific Northwest which could affect facilities.
BELL, N. Nuclear Information & Resource Service. 84/04/11. Office of Administration. 2pp. 27698:237. 24X Fiche: 50-000, 84/04/11, 8411290254.
- 8411290263 Responds to FOIA request for four categories of documents re subduction zones & low angle thrust faults affecting facilities. Forwards App A documents, App A & B documents in PDR, App C document withheld (ref FOIA Exemption 5).
FELTON, J.M. Division of Rules and Records. 84/06/01. BELL, N. Nuclear Information & Resource Service. 5pp. 27698:239. 24X Fiche: 50-000, 84/06/01, 8411290263.
- 8401300162 Discusses presentations at American Geophysical Union 831212-16 meetings re potential for earthquake on interface of Juan de Fuca Plate in Pacific Northwest. Addl info re current research activities encl.
KNIGHT, J.P. Assistant Director for Comp. & Structures Engineering (Post 830201). 84/01/20. LAINAS, G.C. Assistant Director for Operating Reactors. 2pp. 27698:263. 24X Fiche: 50-344, 84/06/01, 8411290263.
- 8401300164 "Northwest US Subduction Zone Seismic Risk Assessment," proposal to research program.
HEATON, T.H. Interior, Dept. of, Geological Survey. 84/01/20. 19pp. 27698:270. 24X Fiche: 50-000, 84/06/01, 8411290263.
- 8402150558 Summarizes 840203 meeting w/Geosciences Branch re spent fuel pool rerack request & Juan de Fuca plate subduction issue. Geosciences will provide input addressing acceptability of reracking unit despite plate issue.
LAINAS, G.C. Assistant Director for Operating Reactors. 84/02/09. KNIGHT, J.P. Assistant Director for Comp. & Structures Engineering (Post 830201). 1p. 27698:265. 24X Fiche: 50-000, 84/06/01, 8411290263.
- 8402290448 Forwards Geosciences Branch SER addressing acceptability of fuel pool rerack in light of ongoing investigations into seismic potential of subducting Juan de Fuca plate, per 840209 request. Alteration of seismic design unnecessary.
KNIGHT, J.P. Assistant Director for Comp. & Structures Engineering (Post 830201). 84/02/22. LAINAS, G.C. Assistant Director for Operating Reactors. 4pp. 27698:266. 24X Fiche: 50-000, 84/06/01, 8411290263.
- 8411290264 FOIA request for all IE manuals, beginning w/1978, which provide guidelines &/or procedures for physical security & safeguards insps of all nonpower reactors.
AFTERGOOD, S. Committee to Bridge the Gap. 84/04/12. Office of Administration. 1p. 27699:216.
- 8411290271 Responds to FOIA request for earlier portions of IE manual which pertain to guidelines & procedures for physical security & safeguards insps for nonpower reactors.
FELTON, J.M. Division of Rules and Records. 84/05/14. AFTERGOOD, S. Committee to Bridge the Gap. 1p. 27699:217.
- 8411290278 "Research Reactor Insp Program-Operations Phase."
* NRC - No Detailed Affiliation Given. 77/01/01. 17pp. 27699:218.
- 8411290286 "Fuel Facility Safeguards Insp-Operations Phase, Insp of SNM & Irradiated Fuel in Transit & Import-Export Licenses."
* Director's Office, Office of Inspection and Enforcement. 82/10/01. 17pp. 27699:235.
- 8411290289 "Physical Protection Against Radiological Sabotage."
* NRC - No Detailed Affiliation Given. 77/10/01. 3pp. 27699:252.
- 8411290298 "Physical Protection Against Radiological Sabotage."
* NRC - No Detailed Affiliation Given. 79/01/01. 4pp. 27699:255.
- 8411290276 Responds to FOIA request for documents re implications of seismic events nuclear reactors. Request does not meet requirements of 50 U.S.C. 552(a)(3). No further action will be taken.
FELTON, J.M. Division of Rules and Records. 84/05/16. TOTTEN, M. Critical Mass Energy Project. 2pp. 27698:105.
- 8411290281 FOIA request for documents re implications of seismic events & associated effects on nuclear reactors & documents prepared for NRC by external contractors on earthquakes & seismic events.
TOTTEN, M. Critical Mass Energy Project. 84/04/27. FELTON, J.M. Division of Rules and Records. 2pp. 27698:107.
- 8411290284 Third partial response to FOIA request for documents re prior hearing for proposed OL amends for 11 reactors, allowing operation w/one recirculation loop out of svc. Forwards App A documents, App B documents in PDR.
FELTON, J.M. Division of Rules and Records. 84/04/19. BELL, N. Nuclear Information & Resource Service. 9pp. 27696:288. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290295 Application to amend License DPR-35, changing Tech Specs to allow operation w/single recirculation loop.
FELDMANN, M.J. Boston Edison Co. 75/11/17. ZIEMANN, D.L. Division of Reactor Licensing (NRR-1975 only). 2pp. 27696:299. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290297 Proposed Tech Specs allowing operation w/single recirculation loop.
* Boston Edison Co. 75/11/17. 9pp. 27696:301. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290305 Forwards request for addl info required to complete review of ECCS reanalysis to be submitted per 741227 order for mod. of license. Some info previously identified.
ZIEMANN, D.L. Division of Reactor Licensing (NRR-1975 only). 75/06/18. FELDMANN, M.J. Boston Edison Co. 25pp. 27696:310. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290314 Forwards GE proprietary classification sys, thermal hydraulic analysis & power level profile, LOCA analysis per 10CFR50, App K, proposed Tech Specs revs & failure study on ECCS manually controlled electrically operated valves. W/o encls.
GALLIGAN, T.J. Boston Edison Co. 75/07/09. Division of Reactor Licensing (NRR-1975 only). 4pp. 27696:335. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290316 NEDO-20999
"Pilgrim Nuclear Power Station Unit 1 License Amend for Single-Loop Operation."
* General Electric Co. 75/10/31. 35pp. 27696:339. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290323 Forwards notice of proposed issuance of amend to License DPR-35, incorporating operating limits in Tech Specs based on acceptable evaluation model.
ZIEMANN, D.L. Division of Reactor Licensing (NRR-1975 only). 75/10/10. HOWARD, J.E. Boston Edison Co. 2pp. 27697:012. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290331 Notice of proposed issuance of amend to License DPR-35.
ZIEMANN, D.L. Division of Reactor Licensing (NRR-1975 only). 75/10/10. 4pp. 27697:014. 24X Fiche: 50-000, 84/04/19, 8411290284.

NONDOCKETED ITEMS

367

- 8411290336 Application to amend License DPR-35, changing Tech Specs to modify rod block monitor/rod block setpoint during single loop operation.
HOWARD, J.E. Boston Edison Co. #76-4. 76/03/01. ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 2pp. 27697:018. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290342 Proposed Tech Specs changing rod block monitor/rod block setpoint during single loop operation.
* Boston Edison Co. 76/03/01. 3pp. 27697:020. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290347 Summary of 760129 meeting w/util & GE re Reload 2 & single loop operation.
O'CONNOR, P.W. Operating Reactors Branch 2 (Pre 800428). 76/02/13. Operating Reactors Branch 2 (Pre 800428). 7pp. 27697:023. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290356 Revised application to amend License DPR-35, changing Tech Specs re boron concentration in moderator water, in support of single loop operation.
ANDOGNINI, G.C. Boston Edison Co. 76/03/19. ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 2pp. 27697:030. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290366 Proposed Tech Specs re boron concentration in moderator water for standby liquid control sys.
* Boston Edison Co. 76/03/19. 26pp. 27697:032. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290380 NEDO-20999 S01
Suppl to "Pilgrim Nuclear Power Station Unit 1 Amend for Single Loop Operation W/Bypass Holes Plugged."
* General Electric Co. 76/01/31. 10pp. 27697:038. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290388 Responds to 760329 request for addl info re single loop operation. Info provided by GE.
ANDOGNINI, G.C. Boston Edison Co. #76-31. 76/04/12. ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 8pp. 27697:048. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290395 Responds to request for addl info re single loop operation. Info provided by GE.
ANDOGNINI, G.C. Boston Edison Co. #76-40. 76/05/06. ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 2pp. 27697:076. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290400 Confirms 760521 oral request for addl info re single loop operation. Info requested by 760601.
ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/05/28. LARSON, J.E. Boston Edison Co. 3pp. 27697:077. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290405 Responds to 760528 request for addl info re single loop operation. Info provided by GE.
ANDOGNINI, G.C. Boston Edison Co. 76-53. 76/06/24. ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 12pp. 27697:080. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290416 Forwards notice of proposed issuance of amend to License DPR-35. Proposed amend revises Tech Specs to add operating limits for single loop operation. Safety evaluation will be submitted when completed.
ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/07/23. LARSON, J.E. Boston Edison Co. 2pp. 27697:092. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290431 Notice of proposed issuance of amend to License DPR-35.
ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/07/23. 3pp. 27697:094. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290436 Requests amend of NEDO-20566, "GE Analytical Model for LOCA Analysis in Accordance W/10CFR50, App K," to provide listed info re LOCA evaluation model for single loop operation.
ROSS, D.F. Assistant Director for Reactor Safety. 76/11/17. FULLER, E.D. General Electric Co. 2pp. 27697:097.
- 8411290438 Forwards generic info re power operation w/recirculation loop out of svc & response to request for addl info.
LEVINE, A.J. General Electric Co. 76/11/30. ROSS, D.F. Assistant Director for Reactor Safety. 41pp. 27697:099.
- 8411290439 Requests addl info re power operation w/recirculation loop out of svc. Info will be incorporated in rev to NEDO-20566, "GE Analytical Model For LOCA Analysis in Accordance W/10CFR50, App K."
ROSS, D.F. Assistant Director for Reactor Safety. 77/02/08. FULLER, E.D. General Electric Co. 1p. 27697:140.
- 8411290441 Requests addl info re power operation w/recirculation loop out of svc. Most license amend requests proposed operation w/single loop to powers exceeding 55%.
EISENHUT, D.G. Division of Operating Reactors. 77/03/01. SHERWOOD, G.C. General Electric Co. 1p. 27697:141.
- 8411290445 Initial NSHC determination & noticing action re util 800805 application & 820506 & 0805 mods to application to amend License DPR-46 to provide APRM flux scram trip & rod block settings & increase safety limit min critical power ratio.
SIEGEL, B.L., VASSALLO, D.B., LAINAS, G.C. NRC - No Detailed Affiliation Given. 83/09/01. 4pp. 27697:185. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290447 Forwards application to amend License DPR-22, changing Tech Spec to allow operation at substantial power level w/one recirculation pump in operation & equalizer valve closed.
MAYER, L.O. Northern States Power Co. 76/09/07. STELLD, V. Division of Operating Reactors. 1p. 27697:189. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290452 Application to amend License DPR-22, changing Tech Spec to allow operation at substantial power level w/one recirculation pump in operation & equalizer valve closed.
WACHTER, L.J. Northern States Power Co. 76/09/07. 4pp. 27697:190. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290455 Proposed Tech Specs allowing operation at substantial power level w/one recirculation pump in operation & equalizer valve closed.
* Northern States Power Co. 76/09/07. 9pp. 27697:194. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290459 Forwards notice of proposed issuance of amend to License DPR-22. Proposed amend revises Tech Specs to add operating limits for single loop operation.
ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/09/28. MAYER, L.O. Northern States Power Co. 2pp. 27697:203. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290461 Notice of proposed issuance of amend to License DPR-22.
ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/09/27. 3pp. 27697:205. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290467 Forwards request for addl info re operation w/one recirculation pump & equalizer valve closed. Response requested within 45 days of receipt of ltr.
ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 76/12/14. MAYER, L.O. Northern States Power Co. 3pp. 27697:208. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290470 Responds to 761214 request for addl info re single recirculation pump operation w/equalizer valve closed.
MAYER, L.O. Northern States Power Co. 77/01/19. ZIEMANN, D.L. Operating Reactors Branch 2 (Pre 800428). 2pp. 27697:211. 24X
Fiche: 50-000, 84/04/19, 8411290284.
- 8411290476 Application to amend License DPR-49, consisting of Tech Spec Change Request RTS-74, allowing single loop operation w/bypass flow holes plugged.
LIU, L. Iowa Electric Light & Power Co. IE-77-94. 77/01/12. RUSCHE, B.C. Office of Nuclear Reactor Regulation, Director. 1p. 27697:333. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290479 Proposed Tech Spec Change RTS-74, allowing single loop operation w/bypass flow holes plugged.
* Iowa Electric Light & Power Co. 77/01/12. 20pp. 27697:334. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290294 Second response to FOIA request for INPO documents that describe, analyze or evaluate INPO role or procedures in reporting info to NRC. App A documents available in PDR. Search of remaining documents continuing.
FELTON, J.M. Division of Rules and Records. 84/05/18. TOTTEN, M. Critical Mass Energy Project. 2pp. 27698:100.
- 8411290303 FOIA request for listed documents, including LH Vaughan & KM Ferguson 570625 rept "Corrosion of Various Metals in High Temp Water" & AEC 630228 Vol 2 Rept ANL-6562 "BWR Technology Status of Art Rept."
SCHLISSEL, D.A. New York, State of. 84/03/10. HARRIS, J. Energy, Dept. of. 3pp. 27698:220.
- 8411290310 Further response to Category 9 of FOIA request for eleven categories of documents. Forwards WB McCool 710802 memo re draft rule prohibiting use of sensitized steel & Westinghouse 721004 ltr excluding sensitized steel from RCS.
FELTON, J.M. Division of Rules and Records. 84/05/16. SCHLISSEL, D.A. New York, State of. 1p. 27698:223.

NONDOCKETED ITEMS

- 8411290344 Informs that at 710802 Regulatory Info Meeting 499, Commission discussed draft rule prohibiting use of sensitized stainless steel & noted rescheduling after discussions w/AIF. Info on sys cost of Type 347 requested. MCCOOL, W.B. Atomic Energy Commission. 71/08/02. Atomic Energy Commission. 1p. 27698:224.
- 8411290425 Forwards suppl to 721005 comments on proposed guide for control of severely sensitized stainless steel. Position excludes severely sensitized stainless steel from primary pressure boundary of RCS & core support structures. SALVATORI, R. Westinghouse Electric Corp. NL-SL-461. 72/10/20. ROGERS, L. Atomic Energy Commission - Directorate of Regulatory Standards. 12pp. 27698:225.
- 8411290549 Requests reprogram of \$50,000 in FY83 funds to new contract for Generic Issue C-8, "MSIV Leakage & Leakage Control Sys." New project identification summary re Auxiliary Sys Branch project encl. BOYD, S. Division of Systems Integration (post 811005). FIN B-2515. 83/06/06. FUNCHES, J. Planning & Program Analysis Staff. 8pp. 27694:154.
- 8411290593 Forwards paid voucher for post approval, for review & signature. DANDOIS, D.B. Financial Operations Branch. FIN B-2529-3. 84/01/12. RIDGELY, J. NRC - No Detailed Affiliation Given. 1p. 27694:204.
- 8411290543 FOIA request for documents re contract under FIN B-2529, "MSIV Leakage & Leakage Control Sys Failure." SHOLLY, S.C. Union of Concerned Scientists. FIN B-2529. 84/03/30. FELTON, J.M. Division of Rules and Records. 1p. 27694:150.
- 8411290546 Responds to FOIA request for all records re contract under FIN B-2529. Documents listed in app available in PDR. FELTON, J.M. Division of Rules and Records. FIN B-2529. 84/05/04. SHOLLY, S.C. Union of Concerned Scientists. 3pp. 27694:151.
- 8307140078 Forwards std order for DOE work: "Generic Issue C-8, 'MSIV Leakage & Leakage Control Sys Failure.'" Proposal requested within 30 days. MATTSOON, R.J. Division of Systems Integration (post 811005). FIN B-2529. 83/06/22. FREMLING, A.G. Energy, Dept. of. 2pp. 27694:178.
- 8307140084 Std order for DOE work: "Generic Issue C-8, 'MSIV Leakage & Leakage Control Sys Failure.'" issued to BNWL. Statement of work encl. MATTSOON, R.J. Division of Systems Integration (post 811005). * Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2529-3. 20-83-528. 83/06/22. 9pp. 27694:180.
- 8411290549 Requests reprogram of \$50,000 in FY83 funds to new contract for Generic Issue C-8, "MSIV Leakage & Leakage Control Sys." New project identification summary re Auxiliary Sys Branch project encl. BOYD, S. Division of Systems Integration (post 811005). FIN B-2529. 83/06/06. FUNCHES, J. Planning & Program Analysis Staff. 8pp. 27694:154.
- 8411290555 Forwards, for review & concurrence, NRR technical assistance project re resolution of Generic Issue C-8, "MSIV Leakage & Leakage Control Sys Failure." Requests signature to indicate concurrence. Statement of work encl. GRENIER, B.L. Technical Support Branch. FIN B-2529. 83/06/22. HAYES, M. Office of Nuclear Regulatory Research, Director. MUIR, A.P. Director's Office, Office of Inspection and Enforcement. EVANS, J. Office of Nuclear Material Safety & Safeguards, Director. 16pp. 27694:162.
- 8411290564 Forwards project & budget proposal for NRC work: Generic Issue C-8, "MSIV Leakage & Leakage Control Sys Failure." in response to RJ Mattson 830622 ltr. BNWL proposal reviewed & approved by DOE. PLAHUTA, M.J. Energy, Dept. of. FIN B-2529. 83/09/01. BOYD, S.M. Division of Systems Integration (post 811005). 1p. 27694:190.
- 8411290570 Project & budget proposal for NRC work: "Generic Issue C-8, MSIV Leakage & Leakage Control Sys Failure." Portions withheld. DEFFERDING, L.J., STRENGE, D.L., BICKFORD, W.E. Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2529. 83/08/30. RIDGELY, J. Division of Systems Integration (post 811005). 8pp. 27694:191.
- 8411290577 Forwards std order for DOE work: "Generic Issue C-8, MSIV Leakage & Leakage Control Sys Failure." Proposal acceptable. MATTSOON, R.J. Division of Systems Integration (post 811005). FIN B-2529. 83/09/16. FREMLING, A.G. Energy, Dept. of. 1p. 27694:199.
- 8411290583 Std order for DOE work: "Generic Issue C-8, MSIV Leakage & Leakage Control Sys Failure," issued to DOE. MATTSOON, R.J. Division of Systems Integration (post 811005). PLAHUTA, M.J. Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2529-3. 20-83-674. 83/09/16. 2pp. 27694:200.
- 8411290588 Forwards paid voucher for post approval, for review & signature. DANDOIS, D.B. Financial Operations Branch. FIN B-2529-3. 83/10/27. RIDGELY, J. NRC - No Detailed Affiliation Given. 2pp. 27694:202.
- 8411290598 Forwards std order for DOE work: "MSIV Leakage & Leakage Control Sys Failure." u/add1 funding for work scheduled for FY84. MATTSOON, R.J. Division of Systems Integration (post 811005). FIN B-2529. 84/01/16. FREMLING, A.G. Energy, Dept. of. 1p. 27694:205.
- 8411290608 Forwards paid voucher for post approval, for review & signature. DANDOIS, D.B. Financial Operations Branch. FIN B-2529-3. 84/01/31. RIDGELY, J. Office of Nuclear Reactor Regulation, Director. 1p. 27694:208.
- 8411290612 "MSIV Leakage & Leakage Sys Control Failure," monthly status rept for Dec 1983 & Jan 1984. JAMISON, J.D., CLOSSEY, L.C. Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2529. 84/02/08. RIDGELY, J. Office of Nuclear Reactor Regulation, Director. 10pp. 27694:209.
- 8411290619 Discusses schedule & milestones for FIN B-2529. JAMISON, J.D. Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2529. 84/02/17. RIDGELY, J. Division of Systems Integration (post 811005). 3pp. 27694:219.
- 8411290622 "Generic Issue C-8, MSIV Leakage & LSC Failure," monthly status rept for Nov 1983. JAMISON, J.D., CLOSSEY, L.C. Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2529. 83/11/30. RIDGELY, J. NRC - No Detailed Affiliation Given. 3pp. 27694:222.
- 8411290604 Std order for DOE work: "MSIV Leakage & Leakage Control Sys Failure," issued to DOE. MATTSOON, R.J. Division of Systems Integration (post 811005). PLAHUTA, M.J. Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2529-4. 20-84-157. 84/01/16. 2pp. 27694:206.

GEN TEC IS GENERIC TECHNICAL ISSUES

- 8404130388 Notices of CROR Meeting 61 on 840404 to discuss proposed IE bulletin, "Undervoltage Trip Attachments of Reactor Trip Breakers" & presentation on proposed NRR resolution of Unresolved Safety Issue A-44. STELLD, V. Committee to Review Generic Requirements. 84/03/30. MATTSOON, R.J. Office of Nuclear Reactor Regulation, Director. 1p. 27248:001.
- 8411010500 Summary of CROR Meeting 61 on 840404 re proposed IE bulletin intended to suppl reactor trip sys functional testing requirements. STELLD, V. Committee to Review Generic Requirements. 84-83-28. 84/04/16. DIRCKS, W.J. Office of the Executive Director for Operations. 24pp. 27248:040.
- 8410240250 Forwards request for exemption from considering large RCS primary loop pipe breaks in structural design basis (GDC-4), in response to Generic Ltr 84-04, Generic Issue A-2. "Asymmetric Blowdown Loads on PWR Primary Sys" resolved. KOBER, R.W. Rochester Gas & Electric Corp. 84-04-04. 84/10/17. PAULSON, W.A. Operating Reactors Branch 5. 7pp. 27123:207. 24X Fiche: 50-244. 84/10/17. 8410240250.
- 8411010155 Requests 841113-15 site visit to obtain info re Unresolved Safety Issue A-45 on shutdown DHR requirements. Info requests re site visit encl. STOLZ, J.F. Operating Reactors Branch 4. 84/10/17. GRIFFIN, J.M. Arkansas Power & Light Co. 27pp. 27261:093. 24X Fiche: 50-313. 84/10/17. 8411010155.
- 8411010163 Forwards DRNL draft rept re pressurized thermal shock based on facility design. Draft not yet reviewed by NRC. Comments of NRC research review group will be treated in final version of rept. w/o encl. JOHNSON, C. Division of Risk Analysis & Operations (post 840429). 84/10/18. WOODS, R. Generic Issues Branch. 3pp. 27271:323. 24X Fiche: 50-317. 84/10/18. 8411010163.

NONDOCKETED ITEMS

369

8411010408 Forwards Rev 1 to "Control of Heavy Loads, Response to Generic Ltr 81-07." Rev reflects resolution of EG&G comments re load handling sys & considered final rept.
GOLDBERG, J.H. Houston Lighting & Power Co. GL-81-07. 84/10/19.
EISENHUT, D.G. Division of Licensing. 3pp. 27252:001. 24X
Fiche: 50-498, 84/10/19, 8411010408.

--8411010420 Rev 1 to "Control of Heavy Loads, Response to Generic Ltr 81-07 for South Texas Project Units 1 & 2."
* Houston Lighting & Power Co. 2348N/0131N. 84/10/31. 188pp.
27252:004. 24X Fiche: 50-498, 84/10/19, 8411010408.

8411010596 Notification of research review group 841102 meeting in Bethesda, MD to review preliminary results of DRNL, LANL, Purdue, BNL analysis of pressurized thermal shock likelihood based on Calvert Cliffs-1.
JOHNSON, C. Reactor Risk Branch. 84/10/23. BURDICK, G.R. Reactor Risk Branch. 4pp. 27251:251. 24X Fiche: 50-317, 84/10/23, 8411010596.

8411020217 Forwards clarification & addl info re 830214 proposed Tech Spec revs covering control of heavy loads during refueling, per 840809 request.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/10/29.
VARGA, S.A. Operating Reactors Branch 1. 9pp. 27255:060. 24X
Fiche: 50-247, 84/10/29, 8411020217.

8411020263 Responds to Generic Ltr 84-15 re diesel generator reliability. No changes to Tech Specs anticipated due to reliability of util diesel generators. Evaluation of staff recommendations & NUREG/CR-0660 findings encl.
CAREY, J.J. Duquesne Light Co. GL-84-15. 84/10/24. EISENHUT, D.G. Division of Licensing. 26pp. 27255:234. 24X Fiche: 50-334, 84/10/24, 8411020263.

8411080313 Forwards Rev 0 to "SER for Heavy Load Handling Inside Containmentment." Unit work instructions that implement load handling over analyzed areas will no longer be submitted after approval of SER.
STANDERFER, F.R. General Public Utilities - GPU Service Corp. 4410-B4-L0193. 84/11/01. SNYDER, B.J. TMI Program Office. 2pp. 27391:061. 24X Fiche: 50-320, 84/11/01, 8411080313.

--8411080318 15737-2-607-105 R00
Rev 0 to "SER for Heavy Load Handling Inside Containmentment."
* General Public Utilities - GPU Service Corp. 84/10/31. 12pp.
27391:063. 24X Fiche: 50-320, 84/11/01, 8411080313.

8411080542 Requests arrangements be made for 2-day site visit during wk of 841203 to obtain info re resolution of Unresolved Safety Issue A-45, "Shutdown DHR Requirements." List of attendees & info request encl.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/22. PILANT, J.M. Nebraska Public Power District. 16pp. 27408:049. 24X
Fiche: 50-298, 84/10/22, 8411080542.

8411090102 Forwards revs to FSAR Table 9.1-10 & Section 9.1.3.6, per 841029 discussions re response to heavy loads - Phase I. Revs will be incorporated into Amend 9 to FSAR.
MITTL, R.L. Public Service Electric & Gas Co. of New Jersey. 84/11/05. SCHWENCER, A. Licensing Branch 2. 4pp. 27398:297. 24X
Fiche: 50-354, 84/11/05, 8411090102.

8411130283 Forwards "Control of Heavy Loads (C-10), Davis-Besse Nuclear Power Station Unit 1," technical evaluation rept & SER.
STOLZ, J.F. Operating Reactors Branch 4. 84/10/29. CROUSE, R.P. Toledo Edison Co. 1p. 27472:081. 24X Fiche: 50-346, 84/10/29, 8411130283.

--8411130289 Safety evaluation re control of heavy loads-Phase I. Guidelines satisfied.
* Office of Nuclear Reactor Regulation, Director. 84/10/29. 2pp.
27472:083. 24X Fiche: 50-346, 84/10/29, 8411130283.

--8410090384 TER-C3506-348
"Control of Heavy Loads (C-10), Davis-Besse Nuclear Power Station Unit 1," technical evaluation rept.
BOMBERGER, C. Franklin Institute/Franklin Research Center. NRC-03-81-130. TAC 10993. 84/09/24. SINGH, A. NRC - No Detailed Affiliation Given. 30pp. 27472:083. 24X Fiche: 50-346, 84/10/29, 8411130283.

8411150119 Forwards response to NRC 801222 request for info in Sections 2.2.2.3 & 2.4 re planned controls for handling heavy loads. SER Outstanding Item 12 satisfied.
BOKER, J.E. Gulf States Utilities Co. RBQ-19,354. 84/11/05. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 53pp. 27510:251. 24X Fiche: 50-458, 84/11/05, 8411150119.

8411160459 Forwards technical evaluation rept. "Control of Heavy Loads at Nuclear Power Plants, Nine Mile Point Unit 2 (Phase I)." Control of heavy loads is open issue in safety review.
SCHWENCER, A. Licensing Branch 2. 84/11/05. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27548:280. 24X Fiche: 50-410, 84/11/05, 8411160459.

--8411160466 "Control of Heavy Loads at Nuclear Power Plants, Nine Mile Point Unit 2 (Phase I)," technical evaluation rept.
SHABER, C.R., STICKLEY, T.H. Energy Engineering Group. FIN A-6457. 84/09/30. NRC - No Detailed Affiliation Given. 39pp.
27548:282. 24X Fiche: 50-410, 84/11/05, 8411160459.

8411190003 Rept on remanded issues for ALAB-788, per ASLB 841105 order & motion to accept affidavits of A Szukiewicz & JJ Mauck into evidentiary record. Affidavits of A Szukiewicz, EG Greenman, JL Mauck & RG LaGrange encl.
BORDENICK, B.M. Hearing Branch 3. #484 172. OL. 84/11/14. 4pp.
27555:005. 24X Fiche: 50-322, 84/11/14, 8411190003.

--8411190007 Affidavit of AJ Szukiewicz in response to ALAB-788 re Unresolved Safety Issue A-47 concerning safety implications of control sys. Prof qualifications encl.
SZUKIEWICZ, A.J. Generic Issues Branch. OL. 84/11/13. 7pp.
27555:009. 24X Fiche: 50-322, 84/11/14, 8411190003.

--8411190015 Affidavit of JJ Mauck in response to ALAB-788 re Unresolved Safety Issue A-47 concerning safety implications of control sys.
MAUCK, J.L. Instrumentation & Control Systems Branch. OL. 84/11/13. 3pp. 27555:022. 24X Fiche: 50-322, 84/11/14, 8411190003.

8411190289 Forwards addl info re safe loadpaths, testing of crane controls & special lifting devices, for review of response to NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants."
WILLIAMS, J.W. Florida Power & Light Co. L-84-327. 84/11/09. MILLER, J.R. Operating Reactors Branch 3. 19pp. 27554:112. 24X
Fiche: 50-389, 84/11/09, 8411190289.

8411190571 Notification of CRGR Meeting 71 on 841203 to discuss encl proposed requirements resulting from resolution of Unresolved Safety Item A-46, "Seismic Qualification of Equipment in Operating Plants." W/o encl.
STELLO, V. Regional Operations & Generic Requirements. 84/11/16. BERNARD, R. Office of Nuclear Reactor Regulation, Director. JORDAN, E.L. Director's Office, Office of Inspection and Enforcement. CUNNINGHAM, R.E. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 27549:249.

8411200107 Approves 840410 request re return of reactor cavity annulus seal rings to original design storage location. Staff concerns re Unresolved Safety Issue A-2 met, per 840201 Generic Ltr 84-04.
MILLER, J.R. Operating Reactors Branch 3. GL-84-02. 84/11/05. FAY, C.W. Wisconsin Electric Power Co. 1p. 27588:362. 24X
Fiche: 50-266, 84/11/05, 8411200107.

8411200236 Agrees to 841204-05 site visit to review Unresolved Safety Issue A-45, "Shutdown DHR Requirement," per 841022 request.
PILANT, J.M. Nebraska Public Power District. NLS 8400271. 84/11/13. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27577:345. 24X
Fiche: 50-298, 84/11/13, 8411200236.

8411200435 Forwards attendee list for proposed Dec 1984 2-day ofc & site visit to obtain info re resolution of Unresolved Safety Issue A-45 on shutdown DHR sys in existing LWR power plants. W/o encl.
MILLER, J.R. Operating Reactors Branch 3. 84/10/26. WILLIAMS, J.W. Florida Power & Light Co. 3pp. 27598:218. 24X
Fiche: 50-335, 84/10/26, 8411200435.

8411280279 Forwards EG&G Aug 1984 technical rept, "Control of Heavy Loads at Nuclear Power Plants, Millstone Unit 3 (Phase I)" re Section 5.1.1 of NUREG-0612 for review & response.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/13. COUNCIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNCIL, W.G. Northeast Utilities. 4pp. 27681:273. 24X
Fiche: 50-423, 84/11/13, 8411280279.

--8410310388 "Control of Heavy Loads at Nuclear Power Plants, Millstone Unit 3 (Phase I)," technical evaluation rept.
JENSEN, S.A. EG&G, Inc. FIN A-6457. 84/08/31. NRC - No Detailed Affiliation Given. 33pp. 27681:277. 24X
Fiche: 50-423, 84/11/13, 8411280279.

8411290185 Responds to FOIA request that two categories of records re FIN A-3719 be made available at PDR. Documents identified on encl app placed in PDR. NUREG/CR-3716 already available at PDR.
FELTON, J.M. Division of Rules and Records. FIN A-3719. 84/05/24. SHOLLY, S.C. Union of Concerned Scientists. 2pp. 27694:056.

NONDOCKETED ITEMS

--8306020266 Requests addition of Generic Issue B-54, "Ice Condenser Containments," to NRR FY 83 operating plan. App F. Generic issue mgt control sys form encl.
CAPRA, R. Division of Systems Integration (post 811005). 83/05/18.
SOLANDER, L. Planning & Program Analysis Staff. 2pp. 27694:137.

8411290549 Requests reprogram of \$50,000 in FY83 funds to new contract for Generic Issue C-8, "MSIV Leakage & Leakage Control Sys." New project identification summary re Auxiliary Sys Branch project encl.
BOYD, S. Division of Systems Integration (post 811005). FIN B-2515. 83/06/06. FUNCHES, J. Planning & Program Analysis Staff. 8pp. 27694:154.

8411290546 Responds to FOIA request for all records re contract under FIN B-2529. Documents listed in app available in PDR.
FELTON, J. M. Division of Rules and Records. FIN B-2529. 84/05/04.
SHOLLY, S. C. Union of Concerned Scientists. 3pp. 27694:151.

--8307140078 Forwards std order for DOE work: "Generic Issue C-8, 'MSIV Leakage & Leakage Control Sys Failure.'" Proposal requested within 30 days.
MATTSON, R. J. Division of Systems Integration (post 811005). FIN B-2529. 83/06/22. FREMLING, A. G. Energy, Dept. of. 2pp. 27694:178.

--8307140084 Std order for DOE work: "Generic Issue C-8, 'MSIV Leakage & Leakage Control Sys Failure.'" issued to BNWL. Statement of work encl.
MATTSON, R. J. Division of Systems Integration (post 811005). * Battelle Memorial Institute. Pacific Northwest Laboratories. FIN B-2529-3. 20-83-528. 83/06/22. 9pp. 27694:180.

--8411290555 Forwards, for review & concurrence, NRR technical assistance project re resolution of Generic Issue C-8, "MSIV Leakage & Leakage Control Sys Failure." Requests signature to indicate concurrence. Statement of work encl.
GRENIER, B. L. Technical Support Branch. FIN B-2529. 83/06/22.
HAYES, M. Office of Nuclear Regulatory Research, Director.
MUIR, A. P. Director's Office, Office of Inspection and Enforcement.
EVANS, J. Office of Nuclear Material Safety & Safeguards, Director. 16pp. 27694:162.

--8411290564 Forwards project & budget proposal for NRC work: Generic Issue C-8, "MSIV Leakage & Leakage Control Sys Failure." in response to RJ Mattson 830622 ltr. BNWL proposal reviewed & approved by DOE.
PLAFUTA, M. J. Energy, Dept. of. FIN B-2529. 83/09/01. BOYD, S. M. Division of Systems Integration (post 811005). 1p. 27694:190.

--8411290570 Project & budget proposal for NRC work: "Generic Issue C-8, MSIV Leakage & Leakage Control Sys Failure." Portions withheld.
DEFFERDING, L. J., STENGEL, D. L., BICKFORD, W. E. Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2529. 83/08/30.
RIDGELY, J. Division of Systems Integration (post 811005). 8pp. 27694:191.

--8411290577 Forwards std order for DOE work: "Generic Issue C-8, MSIV Leakage & Leakage Control Sys Failure." Proposal acceptable.
MATTSON, R. J. Division of Systems Integration (post 811005). FIN B-2529. 83/09/16. FREMLING, A. G. Energy, Dept. of. 1p. 27694:199.

--8411290622 "Generic Issue C-8, MSIV Leakage & LSC Failure." monthly status rpt for Nov 1983.
JAMISON, J. D., CLOSSEY, L. C. Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2529. 83/11/30. RIDGELY, J. NRC - No Detailed Affiliation Given. 3pp. 27694:222.

I&E INSPECTION AND ENFORCEMENT

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-7B)." Svc list encl.
GRACE, J. N. Division of QA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010388 IE Info Notice 84-78, "Underrated Terminal Blocks That May Adversely Affect Operation of Essential Electrical Equipment." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/02. Consolidated Edison Co. of New York, Inc. 116pp. 27417:276. 24X Fiche: 50-000, 84/11/02, 8411010388.

8411010411 PNO-II-84-079: on 841029, reactor coolant pump & main feedwater pump tripped due to 10-10 level in steam generator. Caused by procedural error during testing of electrical buses. Plant being cooled down to permit repairs.
ELROD, S. A., BROWNLEE, V. L. Region 2, Office of Director. 84/10/30. 1p. 27229:179. 24X Fiche: 50-281, 84/10/30, 8411010411.

8411010487 IE Info Notice 84-79, "Failure to Properly Install Steam Separator at Vermont Yankee." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/05. Consolidated Edison Co. of New York, Inc. 116pp. 27417:159. 24X Fiche: 50-000, 84/11/05, 8411010487.

8411020223 EN-84-052A: on 841031, order imposing civil penalty in amount of \$1,600 issued to licensee, per EN-84-52. Action based on violations involving use of unauthorized matl & failure to calibr survey meters at required intervals.
FLACK, E., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/10/31. 1p. 27257:183.

8411020236 EN-84-046A: on 841025, notice of violation & proposed imposition of civil penalties in amount of \$20,000 to be issued. In view of licensee prompt corrective actions, violation mitigated 50%.
KLINGLER, G., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/10/25. 1p. 27261:362. 24X Fiche: 50-313, 84/10/25, 8411020236.

8411050041 EN-84-040A: on 841101, notice of violation & proposed imposition of civil penalty in amount of \$60,000 issued to licensee. Action based on violation involving control of access to protection area.
ROBINSON, P., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/01. 1p. 27301:356. 24X Fiche: 50-321, 84/11/01, 8411050041.

8411050313 PNO-IV-84-024: on 841026, during full power operation, automatic reactor trip occurred. Caused by CER-7 control rod being released into core. Investigation revealed gripper coil on CEA-7 burned out. Coil replaced.
HUNTER, D. R. Region 4, Office of Director. 84/10/29. 1p. 27298:219. 24X Fiche: 50-368, 84/10/29, 8411050313.

8411050368 PNO-I-84-021: on 841030, one handgun & 18 rounds of ammunition found missing during security force weapons inventory. Search conducted w/negative results.
SMITH, G., KEIMIG, R. Region 1, Office of Director. 84/10/31. 1p. 27297:101. 24X Fiche: 50-352, 84/10/31, 8411050368.

8411050395 PNO-V-84-069: on 841028, plant screamed due to 10-10 reactor vessel level signal. Caused by loss of feed pumps when condensate booster pumps tripped on low suction. All safety equipment functioned as designed.
JOHNSON, P. H., WILLETT, D. J. Region 5, Office of Director. 84/10/29. 1p. 27297:100. 24X Fiche: 50-397, 84/10/29, 8411050395.

8411050450 PNO-V-84-068A: on 841027, plant shutdown started when primary to secondary tube leakage in steam generator E-089 reached 135 gpm. Twenty-five day shutdown planned to repair tube leak & perform other maint.
JOHNSON, P. H., HUEY, F. R. Region 5, Office of Director. 84/10/29. 1p. 27297:239. 24X Fiche: 50-362, 84/10/29, 8411050450.

8411060153 PNO-IE-84-003: HEXCEL retested portion of energy absorbing matl supplied to Byron site. Some samples discovered to have crush strength less than required. Part 21 notification made. Extent of nonconformance being determined.
CORTLAND, P. Director's Office, Office of Inspection and Enforcement. 84/11/02. 1p. 27322:323.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411060261 Forwards draft suppl to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." for review & comment. Comments received by 841116 will be considered in final rev.
BAER, R. L. Engineering & Generic Communications Branch. IEIN-84-48. 84/10/25. FOSTER, K. Rockwell International Corp. 3pp. 27329:321.

8411060363 PNO-III-84-091: on 841028, leakage of 1.5 gpm discovered in Steam Generator 12, initiating reactor shutdown. Leaking tubes plugged.
BURGESS, B., JACKIW, I., SHAFER, W. Region 3, Office of Director. 84/10/29. 1p. 27320:252. 24X Fiche: 50-282, 84/10/29, 8411060363.

8411060375 PNO-II-84-082: State of SC notified Region II that Kay-Ray level gauge, containing 1 Ci Cs-137, inadvertently destroyed by molten steel on 841026. Chem-Nuclear contacted for decontamination svcs. Whole body counts performed.
WOODRUFF, R., TRJANDOWSKI, R. Region 2, Office of Director. 84/11/02. 1p. 27319:361.

8411060391 PNO-II-84-080: on 841031, 100 mCi Cs-137 sealed source identified as missing from Wells Preparation Plant at Wharton, WV. Device possibly missing for as long as 2 yrs.
CHAMBLESS, P., POTTER, J. Region 2, Office of Director. 84/11/02. 1p. 27320:310.

NONDOCKETED ITEMS

371

8411060460 PNO-II-84-081: on 841031, Unit 1 shut down due to nitrogen entrainment in upper head injection sys accumulator in excess of Tech Specs. Caused by improper installation of four level transmitters. Unit 2 transmitters isolated. BROWNLEE, V. L., DANCE, H. C. Region 2, Office of Director. 84/11/02. 2pp. 27319:359. 24X Fiche: 50-369, 84/11/02, 8411060460.

8411070002 PNO-II-84-083: on 841105, facility taken out of svc to replace shorted CRD stator. Caused by 841102 dropped rod triggering turbine runback. Unit will be shut down for 5 days. Other maint will be performed during outage. PANCIERA, V. M., DANCE, H. C. Region 2, Office of Director. 84/11/05. 1p. 27360:055. 24X Fiche: 50-302, 84/11/05, 8411070002.

8411070027 EN 84-064: on 841031, notice of violation & proposed imposition of civil penalties in amount of \$1,250 will be issued. Action based on failure to properly secure licensed matls during transportation. ROBINSON, P., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/10/26. 1p. 27360:164.

8411090081 PNO-II-84-085: on 841106, shutdown begun due to steam generator tube leak of 0.8 gpm which increased to 1.94 gpm. Hot shutdown reached & steam generator isolated. Repairs estimated to take 8-10 days. BURGER, C., DANCE, H. C. Region 2, Office of Director. 84/11/06. 1p. 27398:295. 24X Fiche: 50-287, 84/11/06, 8411090081.

8411090087 PNO-II-84-084: indications of four cracks detected in Loop A of recirculation sys 12-inch jet pump risers during insps for IGSCC performed in accordance w/Generic Ltr 84-11. FREDRICKSON, P., VERRELI, D. M. Region 2, Office of Director. 84/11/06. 2pp. 27398:304. 24X Fiche: 50-325, 84/11/06, 8411090087.

8411090144 PNO-I-84-092: on 841106, turbine governor (control) valves opened further than expected for power level. Turbine valve testing revealed apparent blockage in one of four steam lines feeding main turbine. Plant shutdown initiated. LUPTAK, A. Region 1, Office of Director. 84/11/06. 1p. 27398:216. 24X Fiche: 50-309, 84/11/06, 8411090144.

8411120149 PNO-III-84-092: on 841104, explosion & fire occurred in auxiliary transformer. Caused by internal short circuit. Essential loads picked up by standby transformer. HPCI, RCIC & transformer deluge sys started. BOYD, D., WARNICK, R. Region 3, Office of Director. 84/11/05. 2pp. 27428:271. 24X Fiche: 50-331, 84/11/05, 8411120149.

8411120286 PNO-II-84-086: during insps per Generic Ltr 84-11, IGSCC detected on inboard side of outboard isolation valve on reactor water cleanup sys. BUTCHER, R. C., GIRARD, E. H. Region 2, Office of Director. 84/11/07. 1p. 27429:362. 24X Fiche: 50-260, 84/11/07, 8411120286.

8411120453 PNO: IV: 84-012A: Louisiana Nuclear Energy Div completed investigations of incidents involving radiographer overexposures at Gamma Industries, Hitco & Dunesby & Kritikos Co. No abnormalities or somatic effects identified. HEYER, R. S. Region 4, Office of Director. 84/10/26. 1p. 27458:034.

8411130639 EN-84-063: on 841105, notice of violation & proposed imposition of civil penalties in amount of \$5,000 to be issued to licensee. Action based on failure of radiographer to adequately control security of matl. FLACK, E., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/10/31. 1p. 27471:348.

8411140177 PNO-I-84-094: on 841107, fire discovered on turbine bldg roof. Caused by technique used to install new roofing matl. Damage caused by fire minimal & limited to newly installed matls. RAYMOND, TRIPP Region 1, Office of Director. 84/11/05. 1p. 27464:361. 24X Fiche: 50-271, 84/11/08, 8411140177.

8411140186 PNO-I-84-093: on 841106, Berthold mold level control device containing 150 mCi Cs-137 reassembled incorrectly after repair, resulting in source being in beam on position while indicators showed beam off position. MCFADDEN, J., KINNEMAN, J., JOYNER, J. Region 1, Office of Director. 84/11/07. 1p. 27464:362.

8411140351 Responds to 840918 request for comments on draft IE bulletin re steam binding of auxiliary feedwater pumps. Suggests clarifying wording in description of circumstances surrounding failures. WILLIAMS, J. W. Atomic Industrial Forum. 84/10/29. BAER, R. L. Engineering & Generic Communications Branch. 2pp. 27470:044.

8411140368 Informs of agreement w/facts presented in draft of suppl to IE Info Notice 84-48. No comments on written presentation given. FOSTER, K. H. Rockwell International Corp. IEIN-84-48. 84/11/02. BAER, R. L. Director's Office, Office of Inspection and Enforcement. 1p. 27467:154.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl. JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 171pp. 27689:296. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411160156 PNO-II-84-087: on 841108, eight employees contaminated from barrel overpacks containing source changers for two Ir-192 sources from Gamma Industries, Baton Rouge, LA. Surveys performed. CHAMBLESS, P. M., POTTER, J. Region 2, Office of Director. 84/11/13. 1p. 27539:296.

8411160210 PNO-I-84-096: on 841111, unit tripped due to 10-10 level in steam generator 13. Caused by turbine electro hydraulic control sys malfunction. Unit placed in cold shutdown. Investigation continuing. LINVILLE, J., NORRHOLM, L. Region 1, Office of Director. 84/11/11. 1p. 27537:323. 24X Fiche: 50-272, 84/11/11, 8411160210.

8411160217 PNO-III-84-092A: on 841104, reactor trip occurred due to turbine control valve fast closure. Caused by fire from burning oil in auxiliary transformer. Cracked insulators replaced & 161 kV lines cleaned. DEFAYETTE, R., WARNICK, R. Region 3, Office of Director. 84/11/06. 1p. 27542:232. 24X Fiche: 50-331, 84/11/06, 8411160217.

8411160239 PNO-I-84-095: on 841109, Milton Mfg Co discovered piece of scrap steel to be radioactive during survey of incoming shipment. Background radiation levels measured at 1 ft from truck. Surveys to be made by health physics inspectors. COSTELLO, F., JOYNER, J. Region 1, Office of Director. 84/11/09. 1p. 27542:249.

8411160267 PNO-III-84-093: on 841106, Lathrop Corp employee killed in fall from cooling tower. Worker apparently slipped from ladder while descending from scaffolding. Licensee investigating accident. JACKIW, I. N., SHAFER, W. D. Region 3, Office of Director. 84/11/06. 1p. 27537:274. 24X Fiche: 50-346, 84/11/06, 8411160267.

8411190367 PNO-I-84-097: on 841112, plant manually scrammed due to excessive arcing in main generator exciter. Westinghouse notified & will be onsite 841113 to initiate repairs & determine cause of exciter assembly failure. FERLIC, M., ELBASSER, T. Region 1, Office of Director. 84/11/13. 1p. 27553:361. 24X Fiche: 50-029, 84/11/13, 8411190367.

8411190492 PNO-III-84-094: on 841109, NRC info assessment team received info from law enforcement agency re possible demonstrations against planned shipments of reactor fuel. Security personnel continued monitoring situation. CRED, J., AXELSON, W., HIND, J. Region 3, Office of Director. 84/11/13. 1p. 27549:024. 24X Fiche: 50-263, 84/11/13, 8411190492.

8411190559 PNO-III-84-095: on 841114, licensee announced intentions to retain site & transmission facilities in attempt to salvage equipment from facility. Current site staff will be maintained for security & maint of nuclear grade equipment. FORNEY, W., WARNICK, R. Region 3, Office of Director. 84/11/15. 1p. 27549:272. 24X Fiche: 50-346, 84/11/15, 8411190559.

8411200220 PNO-I-84-098: on 841115, MSIV for steam generator 1 failed shut, tripping reactor from 100% power. MSIV failure caused by air powered actuator seal failure. No safety problems identified. Shutdown duration expected to exceed 3 days. JOHNSON, T. P., SHEDLOSKY, J. T., MCCABE, E. C. Region 1, Office of Director. 84/11/15. 1p. 27577:208. 24X Fiche: 50-336, 84/11/15, 8411200220.

NONDOCKETED ITEMS

- 8411200333 PNO-II-84-087A: on 841114 & 15, insp of Gamma Industries revealed contaminated turntable in shipping area & minimal contamination on two other containers. State of LA evaluating cleanup operation & QA procedures. WOODRUFF, R. L., POTTER, J. Region 2, Office of Director. 84/11/16. 1p. 27571:226.
- 8411210102 Forwards draft IE info notice re loss of shutdown cooling in PWRs resulting from inadvertent & undetected reduction in RCS inventory. Comments requested by 841121. ROSSI, C. E. Events Analysis Branch. 84/11/14. GILLISPIE, D. L. Institute of Nuclear Power Operations. 4pp. 27625:017.
- 8411260045 PNO-I-84-095A: on 841109, Milton Mfg Co informed NRC that incoming scrap steel from Laveton Co radioactive. Inspector sent to survey remaining shipment. Matl identified as Ra-226. Commonwealth of PA taking responsibility for action. COSTELLO, F., KINNEHAN, J., JOYNER, J. Region 1, Office of Director. 84/11/14. 2pp. 27615:127.
- 8411260196 PNO-V-84-021: on 841116, spurious safety injection actuation experienced while conducting hot functional testing w/unit at normal temp. Caused by voltage transient on 4160-volt bus. JOHNSON, P. H., HAIST, D. Region 3, Office of Director. 84/11/19. 1p. 27615:111. 24X Fiche: 50-206, 84/11/19, 8411260196.
- 8411260208 EN-84-066: on 841121, notice of violation & proposed imposition of civil penalty in amount of \$90,000 will be issued. Violations based on inability to recognize design basis & Tech Spec requirements for equipment operability. BEACH, B., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/15. 1p. 27616:020. 24X Fiche: 50-346, 84/11/15, 8411260208.
- 8411260281 PNO-III-84-096: on 841116, const workers sent home to eliminate potential sources of electrical noise in nuclear instrumentation used to monitor reactor core during fuel loading. Eight fuel assemblies remain to be loaded. STRASMA, J., STREETER, J. Region 3, Office of Director. 84/11/16. 1p. 27613:099. 24X Fiche: 50-454, 84/11/16, 8411260281.
- 8411260286 PNO-IV-84-025: on 841018, licensee identified increased leakage from RCS on pressurizer spray valve flange. Plant shut down for leakage repair. HUNTER, D. R., YANDELL, L. A. Region 4, Office of Director. 84/11/19. 1p. 27613:095. 24X Fiche: 50-285, 84/11/19, 8411260286.
- 8411260290 PNO-III-84-097: on 841117, licensee completed initial fuel loading after identifying & correcting sources of electrical interference in nuclear instrumentation circuits. Interference caused by faulty cable connectors. STRASMA, J., STREETER, J. Region 3, Office of Director. 84/11/19. 1p. 27613:027. 24X Fiche: 50-454, 84/11/19, 8411260290.
- 8411260343 EN-84-067: on 841121, notice of violation & proposed imposition of civil penalties in amount of \$50,000 will be issued. Violations based on inoperability of both trains of ESF equipment ventilation exhaust sys. BEACH, B., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/16. 1p. 27608:295. 24X Fiche: 50-315, 84/11/15, 8411260343.
- 8411260351 EN-84-068: on 841121, notice of violation & proposed imposition of civil penalty in amount of \$75,000 will be issued. Violation based on breakdown in insp & correction of defective safety-related structural steel welds. BEACH, B., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/15. 1p. 27609:306. 24X Fiche: 50-482, 84/11/15, 8411260351.
- 8411260429 PNO-III-84-098: on 841117, distribution of radiopharms suspended voluntarily. Caused by licensee not complying w/ requirements of NRC 841026 order. Extensive reorganization & retraining initiated. BURGIN, R., AXELSON, W. Region 3, Office of Director. 84/11/19. 1p. 27610:049.
- 8411270066 PNO-IV-84-026: on 841120, oil well injection tool containing 7 mCi I-131 in liquid form lost from company vehicle during transit from Mountain View to Evanston, WY. Area searched but tool not found. Search continuing. CAIN, C. L. Region 4, Office of Director. 84/11/23. 1p. 27629:245.
- 8411270211 PNO-II-84-088: on 841121, unit tripped due to loss of excitation on main generator. Main generator exciter damaged. Extent of damage under evaluation. ELROD, S. A., BROWNLEE, V. L. Region 2, Office of Director. 84/11/21. 1p. 27629:099. 24X Fiche: 50-389, 84/11/21, 8411270211.
- 8411270285 PNO-III-84-099: on 841121, Div I & II 250-volt dc batteries inoperable. Caused by inadequate seismic supports. Gap between battery & supports reduced to analyzed range by placing plywood sheets in gaps as recommended by Gould, Inc. CHRISSOTIMOS, N., SHAFFER, W. Region 3, Office of Director. 84/11/21. 1p. 27635:236. 24X Fiche: 50-374, 84/11/21, 8411270285.
- 8411270290 PNO-I-84-099: on 841120, break occurred in extraction steam line supply to feedwater heater & MSIV closed. Worker suffered burns on face & left hand & taken to hosp. Caused by eroded steam line elbow steel wall. FERLIC, K., ELSASSER, T. Region 1, Office of Director. 84/11/21. 1p. 27635:318. 24X Fiche: 50-317, 84/11/21, 8411270290.
- 8411270359 PNO-III-84-101: on 841120, several demonstrations occurred in opposition to rail shipment of spent fuel from plant to Morris, IL GE spent fuel storage facility. Shipment checked. No violations noted. STRASMA, J., CREED, J., AXELSON, N. Region 3, Office of Director. 84/11/21. 1p. 27628:361. 24X Fiche: 50-263, 84/11/21, 8411270359.
- 8411270387 PNO-III-84-100: on 841121 during routine search of employee entering security area, loaded revolver discovered in employee duffel bag. Licensee investigating incident. State of IL will be notified. CREED, J., AXELSON, W. Region 3, Office of Director. 84/11/21. 1p. 27628:294. 24X Fiche: 50-010, 84/11/21, 8411270387.
- 8411280209 PNO-II-84-089: on 841120, potential overexposure to senior health physics technician occurred. TLD showed whole body exposure of 4.12 rem while pocket dosimeter showed 141 mrem. COOPER, W. T., CLINE, W. E. Region 2, Office of Director. 84/11/23. 1p. 27656:023. 24X Fiche: 50-261, 84/11/23, 8411280209.
- 8411290249 EN-84-017C: on 840831, order issued to show cause why License 11-19921-01 should not be revoked. Licensee 841019 response did not show cause. License revoked. FLACK, E., AXELRAD, J. Director's Office, Office of Inspection and Enforcement. 84/11/27. 1p. 27678:192.

MISC PUBLIC DOCUMENT ROOM MISCELLANEOUS

- 8411010043 Summary of 841016 operating reactor events meeting w/ofc director, div directors & representatives re events which occurred since 840926 meeting. List of attendees encl. CRUTCHFIELD, D. Assistant Director for Safety Assessment. 84/10/22. EISENHUT, D. G. Division of Licensing. 12pp. 27260:347.
- 8411010151 Requests list of basic comments re leak rate testing to be incorporated in redrafting process of draft reg guide & formation of ad hoc committee or call for meeting to discuss leak rate methodology. REYBLATT, Z. Warren Wilson College, Swannanoa, NC. 84/09/29. REHM, T. A. Office of the Executive Director for Operations. 20pp. 27261:074.
- 8411030330 Forwards update of Sholly statistics for 830506-840928. Util submitted application for amend to License DPR-57, changing overcurrent trip setpoints for four circuit breakers on 840827. No addl comments or requests received. EISENHUT, D. G. Division of Licensing. 84/10/16. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 4pp. 27289:328.
- 8411030336 Notifies that updates for Sholly statistics due by noon on 841005.
* NRC - No Detailed Affiliation Given. 84/10/04. Division of Licensing. 1p. 27289:332.
- 8411050124 Forwards Engineering Evaluation Rept AEOD/E240, "Operational Experience Involving Shortened Lamp Sockets of Indication Lights." CHIRAMAL, M. Reactor Operations Analysis Branch. 84/08/23. SEYFRIT, K. V. Reactor Operations Analysis Branch. 1p. 27325:220.
- 8411050132 "Operational Experiences Involving Shortened Lamp Sockets of Indication Lights." CHIRAMAL, M. Reactor Operations Analysis Branch. AEOD/E420. 84/08/23. 9pp. 27325:221.
- 8411050358 Forwards AEOD Engineering Evaluation Rept AEOD/E419, "Failures of Fischer-Porter Transmitters Used in Safety-Related Sys." No further action necessary. CHIRAMAL, M. Reactor Operations Analysis Branch. 84/10/11. SEYFRIT, K. V. Reactor Operations Analysis Branch. 1p. 27310:312.
- 8411050376 "Failures of Fischer-Porter Transmitters Used in Safety-Related Sys." engineering evaluation rept.
* Reactor Operations Analysis Branch. AEOD/E419. 84/07/31. 21pp. 27310:313.

NONDOCKETED ITEMS

373

- 8411070063 Informs of 841213 meeting to discuss installation of TRIGA research reactor at McClellan Air Force Base & review processes for environ assessment subsequent to US Air Force process. Minutes of 831214 meeting encl.
WAGY, L.E. Air Force, Dept. of. 84/11/02. DENTON, H. Office of Nuclear Reactor Regulation, Director. 14pp. 27368:333.
- 8411070067 "Environmental Assessment for McClellan Air Force Stationary Radiography Facility."
* Air Force, Dept. of. 84/07/31. 100pp. 27368:347.
- 8411090105 Informs of address change. All future correspondence should be forwarded to new address.
GERKEN, E.C. E.C. Gerken & Associates, Inc. 84/11/05. NRC - No Detailed Affiliation Given. 1p. 27398:302.
- 8411090383 Forwards proposed Commission paper on vendor enforcement policy. Safety advantages of extending NRC licensing activity to vendors of safety-related equipment unclear at present. Current enforcement practices should be continued.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 1p. 27434:293.
- 8411102036 Approves priority ranking of "DROP" for Generic Issue 81, "Impact of Locked Doors & Barriers on Plant & Personnel Safety." Evaluation encl.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/10/19. THOMPSON, H.L. Division of Human Factors Safety. 9pp. 27457:157.
- 8411160244 Forwards lists of NRC personnel involved in development of nuclear stds in alphabetical order & by ofc & list of stds organizations & committees w/NRC personnel.
GREGORY, E. Office of Nuclear Regulatory Research, Director. 84/11/08. MINOQUE, R., ROSS, D., GILLESPIE, F. Office of Nuclear Regulatory Research, Director. 34pp. 27565:253.
- 8411160379 Summary of Operating Reactor Events 841030 meeting. Events discussed & significant elements of events & status of previous assignments encl.
CRUTCHFIELD, D. Assistant Director for Safety Assessment. 84/11/02. EISENHUT, D.O. Division of Licensing. 16pp. 27548:321.
- 8411200497 Notification of 841030-31 meetings w/DOE in Seattle, WA to discuss DOE R&D progress under Nuclear Waste Policy Act mandated programs involving spent fuel storage, logistics & transportation.
ROBERTS, J.P. Advanced Fuel & Spent Fuel Licensing Branch. 84/11/06. ROUSE, L.C. Advanced Fuel & Spent Fuel Licensing Branch. 2pp. 27598:127.
- 8411210308 Confirms 841203 meeting in Bethesda, MD to discuss qualification testing program on grease & lubricant, per 841114 telcon.
ZECH, O.G. Vendor Program Branch. 84/11/20. WESSOL, A. Mobil Oil Corp. (subs. of Mobil Corp.). 1p. 27591:150.
- 8411270050 Forwards F Mayinger rept "Steam Explosions & Relevance for PRA," to be presented at NRC 841127-28 workshop, in response to first two questions in Ross 840824 ltr.
ALLEN, C.L., GINSBERG, T. Steam Explosion Review Group. 84/11/15. Steam Explosion Review Group. 2pp. 27675:282.
- 8411270054 Paper entitled "Steam Explosions & Relevance for PRA," to be presented at NRC 841127-28 workshop.
MAYINGER, F. Steam Explosion Review Group. 84/11/27. 17pp. 27675:284.
- 8411280287 Forwards AEOD 841029 memo transmitting itemized current studies of operational events involving both reactor & non-reactor activities. Review requested.
EISENHUT, D.O. Division of Licensing. 84/11/07. BERNERO, R.M. Division of Systems Integration (post 811005). SPEIS, T.P. Division of Safety Technology. VOLLMER, R.H. Division of Engineering. 1p. 27683:274.
- 8411280405 Forwards graphs re total release of cesium, iodine & tellurium to environ as function of containment failure time. Use of graphs to present BMI-2104 results recommended.
ZURMALT, L.R. Newark College of Engineering, Newark, NJ. 84/11/19. DENTON, H.R. NRC - No Detailed Affiliation Given. 6pp. 27689:134.
- 8411280575 Comments on leak rate testing concerns discussed at 841005 meeting & in 840929 request for info. Participation in usual comment process proper. Further action re response to request for info inappropriate.
REHM, T.A. Office of the Executive Director for Operations. 84/10/30. REYBLATT, Z.V. Warren Wilson College, Swannanoa, NC. 3pp. 27682:071.
- 8411280578 Informs that incorporation of well logging regulations into single new part of 10CFR39 is sound regulatory policy which will contribute to improved performance by both licensees & NRC.
HELMES, C.J. Director's Office. 84/10/10. GILLESPIE, F. Division of Risk Analysis & Operations (post 840429). 1p. 27682:068.
- 8411290668 Summarizes 841114 briefing by DOE, OA Technologies & Gas Cooled Reactor Assoc re emergency planning requirements for advanced gas cooled reactors.
WILLIAMS, P.M. Division of Safety Technology. 84/11/20. SPEIS, T.P. Division of Safety Technology. 3pp. 27700:252.
- NUREG NUREG REPORTS AND RELATED CORRESPONDENCE
- 8410120010 NUREG/CR-3765
MINET SIMULATION OF A HELICAL COIL SODIUM/WATER STEAM GENERATOR, INCLUDING STRUCTURAL EFFECTS.
VAN TUYLE, G.J. Brookhaven National Laboratory. FIN A-3262. BNL-NUREG-51766. 84/09/30. Division of Accident Evaluation. 27pp. 26985:338.
- 8410180295 Notice of issuance & availability of revised Sections 18.0, 18.1 & App A to Section 18.1 of NUREG-0800, "SRP for Review of SARs for Nuclear Power Plants."
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/10/10. 2pp. 27387:349.
- 8410240250 Forwards request for exemption from considering large RCS primary loop pipe breaks in structural design basis (GDC-4), in response to Generic Ltr 84-04, Generic Issue A-2, "Asymmetric Blowdown Loads on PWR Primary Sys" resolved.
KOBER, R.W. Rochester Gas & Electric Corp. 84-04. 84/10/17. PAULSON, W.A. Operating Reactors Branch 5. 7pp. 27123:207. 24X Fiche: 50-244, 84/10/17, 8410240250.
- 8410290154 Forwards Amend 82 to License DPR-13 & safety evaluation Amend revises & expands limiting conditions for operation & surveillance requirements applicable to auxiliary feedwater sys & associated automatic initiation sys & water supply.
PAULSON, W.A. Operating Reactors Branch 5. LS05-84-10-030. 84/10/24. BASKIN, K.P. Southern California Edison Co. 3pp. 27164:223. 24X Fiche: 50-206, 84/10/24, 8410290154.
- 8410290168 Safety evaluation supporting Amend 82 to License DPR-13.
* Office of Nuclear Reactor Regulation, Director. 84-82-16. 84/10/24. 11pp. 27164:243. 24X Fiche: 50-206, 84/10/24, 8410290154.
- 8410310378 Forwards updated equipment qualification summary sheets & revised responses to NRC comments on util 840919 ltr. Qualification status of all TMI action plan equipment noted in previous submittals confirmed per SSER 5 (NUREG-0837).
VAN BRUNT, E.E. Arizona Public Service Co. ANPP-30985 TFG. 84/10/29. KNIGHTON, O. Licensing Branch 3. 41pp. 27193:303. 24X Fiche: 50-528, 84/10/29, 8410310378.
- 8411010027 Staff requirements memo re 841016 discussion of GA rept to Congress in Washington, DC. Long-term analysis of concept of third-party audits requested.
CHILK, S.J. Office of the Secretary of the Commission. MB41016B. 84/10/19. DIRCKS, W.J. Office of the Executive Director for Operations. 2pp. 27266:338.
- 8411010068 Ack receipt of 840925 request for deferral of 831221 application for amend to License DPR-49, since NRC will recommend new guidance re conformance to NUREG-0313. Requested change to Tech Spec Section 4.6.0.3 also deferred.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/10. LIU, L. Iowa Electric Light & Power Co. 2pp. 27266:343. 24X Fiche: 50-331, 84/10/10, 8411010068.
- 8411010080 NUREG-0483 501
PROGRAMMATIC ENVIRONMENTAL IMPACT STATEMENT RELATED TO DECONTAMINATION AND DISPOSAL OF RADIOACTIVE WASTES RESULTING FROM MARCH 28, 1979 ACCIDENT, THREE MILE ISLAND NUCLEAR STATION, UNIT 2. Docket No 50-320 (GPU Nuclear, Incorporated).
* TMI Program Office. 84/10/31. 175pp. 27260:118. 24X Fiche: 50-320, 84/10/31, 8411010080.
- 8411010091 Forwards SER re NUREG-0737, Item II, D.1 concerning testing of relief & safety valves in primary coolant sys. Addl info submitted on 831017 demonstrates valves can function during design basis transients & accidents. Item complete.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/10. CAPSTICK, R.W. Vermont Yankee Nuclear Power Corp. 17pp. 27271:332. 24X Fiche: 50-271, 84/10/10, 8411010091.

NONDOCKETED ITEMS

- 8411010127 Forwards response to NRC 840907 comments re emergency operating procedures generation package, per Generic Ltr 82-33 & SER Confirmatory Issue 41. GE reviewing procedures per requirements of NUREG-0737, Item I.C.7. SPANGENBERG, F. Illinois Power Co. U-0755. 84/10/24. SCHWENCER, A. Licensing Branch 2. 20pp. 27232:179. 24X Fiche: 50-461, 84/10/24, 8411010127.
- 8411010148 Rev 2 to 3C10-1082-002. "Implementation of BWR Emergency Procedure Guidelines Into Specific Emergency Procedures." BRAINER, D.H. Illinois Power Co. 84/02/17. 9pp. 27232:199. 24X Fiche: 50-461, 84/10/24, 8411010127.
- 8411010142 Forwards SSER 1 (NUREG-0744) re request for full term OL. Suppl updates results of ACRS review & updates remainder of SER to 840901. PAULSON, W.A. Operating Reactors Branch 5. LS05-84-10-025. 84/10/17. KOBER, R.W. Rochester Gas & Electric Corp. 2pp. 27261:018. 24X Fiche: 50-244, 84/10/17, 8411010142.
- 8411010287 Forwards comments on program plan for conducting detailed control room design review per Suppl 1 to NUREG-0737. Proposed agenda will be provided 2 wks prior to 850312 in-progress audit. VASSALLO, D.B. Operating Reactors Branch 2. 84/10/11. CAPSTICK, R.W. Vermont Yankee Nuclear Power Corp. 9pp. 27264:287. 24X Fiche: 50-271, 84/10/11, 8411010287.
- 8411010296 "Evaluation of Detailed Control Room Design Review Program Plan Vermont Yankee Nuclear Power Plant." * Science Applications, Inc. NRC-03-82-095. 84/08/09. NRC - No Detailed Affiliation Given. 11pp. 27264:296. 24X Fiche: 50-271, 84/10/11, 8411010287.
- 8411010290 Transcript of Commission 841016 meeting in Washington, DC to discuss GA rept to Congress. Pp 1-107. Supporting documentation encl. * Commissioners. 84/10/16. 117pp. 27264:171.
- 8411010303 Forwards responses to SER (NUREG-1031), Confirmatory Items 6, 9 & 22, per 840614 discussion w/NRC. Data to justify automobile impact & impulse parameters & survey of exterior wall panels to provide tornado missile protection submitted. COUNSIL, W.G., FEE, W.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W.G. Northeast Utilities. B11346. 84/10/18. YOUNGBLOOD, B.J. Licensing Branch 1. 115pp. 27231:223. 24X Fiche: 50-423, 84/10/18, 8411010303.
- 8411010408 Forwards Rev 1 to "Control of Heavy Loads, Response to Generic Ltr 81-07." Rev reflects resolution of EQ&G comments re load handling sys & considered final rept. GOLDBERG, J.H. Houston Lighting & Power Co. STS-HL-AE-1129. 84/10/19. EISENHUT, D.G. Division of Licensing. 3pp. 27252:001. 24X Fiche: 50-498, 84/10/19, 8411010408.
- 8411010420 Rev 1 to "Control of Heavy Loads, Response to Generic Ltr 81-07 for South Texas Project Units 1 & 2." * Houston Lighting & Power Co. GL-81-07. 84/10/31. 188pp. 27252:004. 24X Fiche: 50-498, 84/10/19, 8411010408.
- 8411010415 Order admitting SER (NUREG-1019) & SSER 1 as ASLB exhibits. Served on 841031. WOLFE, S.J. Atomic Safety and Licensing Board Panel. #484 826. OLA. 84/10/30. 2pp. 27229:180. 24X Fiche: 50-289, 84/10/30, 8411010415.
- 8411010424 Responds to SER (NUREG-1031) Confirmatory Items 2, 3 & 4. FSAR revs will appear in Amend 10 to FSAR, scheduled for submittal in Oct 1984. Responses should fully resolve NRC concerns. COUNSIL, W.G., FEE, W.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W.G. Northeast Utilities. B11345. 84/10/18. YOUNGBLOOD, B.J. Licensing Branch 1. 11pp. 27229:182. 24X Fiche: 50-423, 84/10/18, 8411010424.
- 8411020217 Forwards clarification & addl info re 830214 proposed Tech Spec revs covering control of heavy loads during refueling, per 840809 request. O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/10/29. VARQA, S.A. Operating Reactors Branch 1. 9pp. 27255:040. 24X Fiche: 50-247, 84/10/29, 8411020217.
- 8411020226 Forwards proposed Tech Specs for six deferred NUREG-0737 items in response to Generic Ltr 83-37 & NRC 840504 request. Formal license amend will be submitted upon receipt of NRC comments & before startup from refueling outage. BAYNE, J.P. Power Authority of the State of New York. IPN-84-47. 84/10/29. VARQA, S.A. Operating Reactors Branch 1. 17pp. 27255:117. 24X Fiche: 50-286, 84/10/29, 8411020226.
- 8411020241 Requests exemption from requirements of 10CFR50, App A, GDC 19 re capability to achieve hot & cold shutdown from outside control room. Redundant remote shutdown capability will be provided by making procedural & hardware changes. KEMPER, J.S. Philadelphia Electric Co. 84/10/25. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 4pp. 27257:174. 24X Fiche: 50-352, 84/10/25, 8411020241.
- 8411020271 Responds to violation noted in Insp Rept 50-369/84-10. Corrective actions: correct position of breaker racking release lever verified & disciplinary actions taken against appropriate personnel. TUCKER, H.B. Duke Power Co. EA-84-072. 84/10/25. Director's Office, Office of Inspection and Enforcement. 6pp. 27253:340. 24X Fiche: 50-369, 84/10/25, 8411020271.
- 8411030153 Forwards "Detailed Control Room Design Review for Limerick Generating Station," technical evaluation rept based on util responses to NUREG-0737, Suppl 1. SCHWENCER, A. Licensing Branch 2. 84/10/16. BAUER, E.O. Philadelphia Electric Co. 4pp. 27310:176. 24X Fiche: 50-352, 84/10/16, 8411030153.
- 8411050199 Forwards core damage assessment methodology, based on Westinghouse generic core damage assessment methodology approved on 840410. Methods to estimate core damage in accordance w/NUREG-0737 Item II.B.3. O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/10/29. VARQA, S.A. Operating Reactors Branch 1. 1p. 27303:001. 24X Fiche: 50-247, 84/10/29, 8411050199.
- 8411050215 Notifies of two groundwater models omitted from Jul 1982 NUREG/CR-2782, "Summary of Repository Siting Models." BAIN, A.T. Gannett Fleming Environmental Engineers, Inc. FIN B-6985. 82/11/04. SILLIG, S. Division of Waste Management. 3pp. 27444:306.
- 8411050240 Forwards comments on NUREG-1031, "SER re Operation of Millstone Nuclear Power Station Unit 3." COUNSIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W.G. Northeast Utilities. B11398. 84/10/26. YOUNGBLOOD, B.J. Licensing Branch 1. 15pp. 27303:202. 24X Fiche: 50-423, 84/10/26, 8411050240.
- 8411050301 Advises that response to NUREG-0737, Item II.K.3.16 re failure of safety relief valve to close under LOCA acceptable. Task resolved. STOLZ, J.F. Operating Reactors Branch 4. 84/10/19. BECKHAM, J.T. Georgia Power Co. 1p. 27310:347. 24X Fiche: 50-321, 84/10/19, 8411050301.
- 8411050390 Responds to 840730 safety evaluation re implementation of NUREG-0737, TH1 Action Item II.F.6, "Containment Hydrogen Monitor." Primary concern is control of oxygen, not hydrogen inside containment. COUNSIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W.G. Northeast Utilities. A04032. 84/10/24. PAULSON, W.A. Operating Reactors Branch 5. 3pp. 27297:120. 24X Fiche: 50-245, 84/10/24, 8411050390.
- 8411050444 Reviews potential release pathways during postulated accidents & control room doses via pathways other than ventilation stack, per TH1 Item III.D.3.4 & requirements for emergency response capability. LINDER, F. Dairyland Power Cooperative. GL-82-33. 84/10/25. EISENHUT, D.G. Division of Licensing. 7pp. 27297:232. 24X Fiche: 50-409, 84/10/25, 8411050444.
- 8411050463 Forwards Amend 83 to License DPR-13 & safety evaluation. Amend revises Tech Specs to incorporate limiting conditions for operation & surveillance requirements for plant mods, per Generic Ltr 83-37. ZWOLINSKI, J.A. Operating Reactors Branch 5. LS05-84-11-002. 84/11/02. BASKIN, K.P. Southern California Edison Co. 4pp. 27297:256. 24X Fiche: 50-206, 84/11/02, 8411050463.
- 8411050471 Safety evaluation supporting Amend 83 to License DPR-13. * Office of Nuclear Reactor Regulation, Director. GL-83-37. 84/11/02. 7pp. 27297:305. 24X Fiche: 50-206, 84/11/02, 8411050463.
- 8411060021 Responds to 840926 memo which transmitted first draft of proposed events to be included in AD Rept to Congress for Third Quarter CY84. W/exception of seal table leaks, listed events meet AD criteria. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/10/25. HELTEMES, C.J. Director's Office. 12pp. 27349:247.

NONDOCKETED ITEMS

375

--8410120098 Requests assistance in completing third quarter CY84 AO rept to Congress. Review of potential AOs & other events of interest requested. List of previously open AOs which are still open encl.
HELTENES, C. J. Director's Office. 84/09/27. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. DAVIS, J. G. Office of Nuclear Material Safety & Safeguards, Director. MINOQUE, R. B. Office of Nuclear Regulatory Research, Director. 19pp. 27349:277.

8411060028 Forwards draft list of technical questions re groundwater at Nevada Nuclear Waste Site Investigations. Questions should serve as basis of first site technical position.
POHLE, J. A. High Level Waste Technical Development Branch. FIN B-7377. NRC-02-82-046. 83/05/09. WILLIAMS, R. E. Williams & Associates 11pp. 27446:092.

8411060111 Provides results of review & evaluation of Rev 3 to Reg Guide 1.97, "Instrumentation for Light Water Cooled Nuclear Power Plants to Assess Plant & Environ Conditions During & Following Accident." Qualification summary encl.
MURPHY, W. P. Vermont Yankee Nuclear Power Corp. FVY 84-127. 84/10/30. VASSALLO, D. B. Operating Reactors Branch 2. 38pp. 27321:324. 24X Fiche: 50-271, 84/10/30, 8411060111.

8411060134 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Existing plant reliability program meets intent of Reg Guide 1.10B & recommendations of NUREG/CR-0660.
DALTROFF, S. L. Philadelphia Electric Co. GL-84-15. 84/11/01. EISENHUT, D. G. Division of Licensing. 17pp. 27322:249. 24X Fiche: 50-277, 84/11/01, 8411060134.

8411060188 Notices of acceptability of util 840702 proposal re noble gas monitoring sys in accordance w/NUREG-0737, Item II.F.1.1. Schedule for design & implementation of sys requested within 30 days of ltr receipt.
JOHNSON, E. H. Region 4, Office of Director. 84/10/24. LEE, O. R. Public Service Co. of Colorado. 2pp. 27351:344. 24X Fiche: 50-267, 84/10/24, 8411060188.

8411060206 Provides addl info re integrated assessment (living schedule). Completion date of control room design review revised due to premature 1984 refueling outage. Personnel unavailable for scheduled surveys.
KUEMIN, J. L. Consumers Power Co. 84/11/02. Office of Nuclear Reactor Regulation, Director. App. 27324:026. 24X Fiche: 50-155, 84/11/02, 8411060206.

8411060208 Forwards info in response to NRC 840914 ltr re inadequate core cooling instrumentation sys, NUREG-0737, Item II.F.2. Implementation ltr rept & milestones for implementation of sys included.
WILLIAMS, J. W. Florida Power & Light Co. L-84-305. 84/11/01. MILLER, J. R. Operating Reactors Branch 3. 8pp. 27324:030. 24X Fiche: 50-335, 84/11/01, 8411060208.

8411060247 Submits plans for responding to NUREG-0737, Item II.E.4.2(7) re radiation signal on purge valves, undated safety evaluation & past licensing activities associated w/issue.
DALTROFF, S. L. Philadelphia Electric Co. 84/11/01. STOLZ, J. F. Operating Reactors Branch 4. 2pp. 27324:091. 24X Fiche: 50-277, 84/11/01, 8411060247.

8411060264 Forwards Amends 110 & 104 to Licenses DPR-31 & DPR-41, respectively & safety evaluation. Amends revise Tech Specs for TMI action items in response to Generic Ltr 83-37.
MCDONALD, D. G. Operating Reactors Branch 1. GL-83-37. 84/10/17. WILLIAMS, J. W. Florida Power & Light Co. 3pp. 27349:296. 24X Fiche: 50-250, 84/10/17, 8411060264.

--8411060282 Amends 110 & 104 to Licenses DPR-31 & DPR-41, respectively, revising Tech Specs for TMI action items in response to Generic Ltr 83-37.
VARGA, S. A. Operating Reactors Branch 1. DPR-41 A 104. 84/10/17. 39pp. 27349:299. 24X Fiche: 50-250, 84/10/17, 8411060282.

--8411060301 Safety evaluation supporting Amends 110 & 104 to Licenses DPR-31 & DPR-41, respectively.
* Office of Nuclear Reactor Regulation, Director. GL-83-37. 84/10/17. App. 27349:338. 24X Fiche: 50-250, 84/10/17, 8411060264.

8411060462 Application for amends to Licenses DPR-39 & DPR-48, changing Tech Specs to address NUREG-0737, Item II.B.1 (Generic Ltr 83-37) concerns re RCS operational components & vents. Fee paid.
CASCARANO, R. N. Commonwealth Edison Co. GL-83-37. 84/10/29. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27312:320. 24X Fiche: 50-295, 84/10/29, 8411060462.

--8411060468 Proposed Tech Spec changes addressing NUREG-0737 Item II.B.1 (Generic Ltr 83-37) concerns re RCS operational components & vents.
* Commonwealth Edison Co. GL-83-37. 84/10/29. App. 27312:322. 24X Fiche: 50-295, 84/10/29, 8411060462.

8411060506 NUREG/CR-3941 V01
RADIONUCLIDE MIGRATION AROUND URANIUM ORE BODIES -- ANALOGUE OF RADIOACTIVE WASTE REPOSITORIES.
AIREY, P. L. Australia, Govt. of. FIN B-6661. AAEC/C40. 84/10/31. Division of Radiation Programs & Earth Sciences (post 840429). 155pp. 27389:300.

8411060539 Forwards updated safety evaluation re TMI Action Plan Item II.E.2.7, "Primary Containment High Radiation to Close Vent & Purge Valves." Units in noncompliance w/approved guidance. Action requested to achieve compliance as practicable.
STOLZ, J. F. Operating Reactors Branch 4. 84/10/23. BECKHAM, J. T. Georgia Power Co. 5pp. 27384:098. 24X Fiche: 50-321, 84/10/23, 8411060539.

8411060549 Grants 840706 request for extension until 850331 for qualification testing of Victoreen high-range radiation monitor.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 84/10/26. O'TOOLE, J. D. Consolidated Edison Co. of New York, Inc. 5pp. 27383:283. 24X Fiche: 50-247, 84/10/26, 8411060549.

8411060558 Informs that actions stated in 840619 ltr re NUREG-0737, Item II.K.3.16, "Feasibility Study - Challenges & Valve Failures" acceptable. Generic safety evaluation encl.
STOLZ, J. F. Operating Reactors Branch 4. 84/10/23. BAUER, E. G. Philadelphia Electric Co. 12pp. 27383:288. 24X Fiche: 50-277, 84/10/23, 8411060558.

8411070047 Forwards Rev 3 to "Moderate Energy Line Break Study." Rept prepared in accordance w/requirements of ODC 4 of 10CFR50, App A & Branch Technical Position ASB 3-1 of NUREG-0800.
DEVINCENTIS, J. Public Service Co. of New Hampshire. SBN-728. 84/11/01. KNIGHTON, G. W. Licensing Branch 3. 2pp. 27355:089. 24X Fiche: 50-443, 84/11/01, 8411070047.

8411070102 Forwards addl info re conformance w/post-accident sampling sys Criteria 2 & 10, per TMI Item II.B.3. Core damage assessment procedure based on C-E Owners Group guidelines will be submitted by 841231.
LUNDVALL, A. E. Baltimore Gas & Electric Co. 84/10/30. MILLER, J. R. Operating Reactors Branch 3. 9pp. 27393:131. 24X Fiche: 50-317, 84/10/30, 8411070102.

8411070272 Comments on NUREG-1046, "Disposal of High Level Radwastes in Unsaturated Zone: Technical Considerations." Rept explains differences between saturated & unsaturated zones in clear & concise manner.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 84/03/15. POHLE, J. A. Division of Waste Management. 2pp. 27448:334.

8411070278 Forwards Amends 100 & 99 to Licenses DPR-32 & DPR-37, respectively & safety evaluation. Amends change Tech Specs to add listed NUREG-0737 items, including II.B.1 & II.F.1.1, per Generic Ltr 83-27.
NEIGHBORS, J. D. Operating Reactors Branch 1. GL-83-27. 84/10/15. STEWART, W. L. Virginia Electric & Power Co. 3pp. 27388:051. 24X Fiche: 50-280, 84/10/15, 8411070278.

--8411070313 Safety evaluation supporting Amends 100 & 99 to Licenses DPR-32 & DPR-37, respectively.
* Office of Nuclear Reactor Regulation, Director. 84/10/15. App. 27388:079. 24X Fiche: 50-280, 84/10/15, 8411070278.

8411070285 Forwards Insp Rept 50-461/84-26 on 840904-06 & 25-27. No noncompliance noted.
OREGER, L. R. Region 3, Office of Director. 84/10/18. GERSTNER, W. C. Illinois Power Co. 2pp. 27388:321. 24X Fiche: 50-461, 84/10/18, 8411070285.

--8411070289 Insp Rept 50-461/84-26 on 840904-06 & 25-27. No violations or deviations noted. Major areas inspected: radwaste & radiation protection program, including staffing, test procedures, ALARA program & facility tour.
PAUL, R. A., MILLER, D. E. Region 3, Office of Director. 84/10/18. 6pp. 27388:323. 24X Fiche: 50-461, 84/10/18, 8411070285.

8411070294 NUREG-0800 18.0 R1
STANDARD REVIEW PLAN FOR THE REVIEW OF SAFETY ANALYSIS REPORTS FOR NUCLEAR POWER PLANTS. LWR Edition. Revision 1 to SRP Section 18.0, "Human Factors Engineering-Introduction."
* Office of Nuclear Reactor Regulation, Director. 84/10/31. Office of Nuclear Reactor Regulation, Director. 5pp. 27388:085.

8411070296 NUREG-0800 18.1 R0
STANDARD REVIEW PLAN FOR THE REVIEW OF SAFETY ANALYSIS REPORTS FOR NUCLEAR POWER PLANTS. LWR Edition. Revision 0 to SRP Section 18.1, "Control Room." and Appendix A: Rev 0. "Evaluation Criteria for Detailed Control Room Design."
* Office of Nuclear Reactor Regulation, Director. 84/10/31. Office of Nuclear Reactor Regulation, Director. 42pp. 27388:007.

NONDOCKETED ITEMS

- 8411070331 NUREG-0830 S04
SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF
CALLAWAY PLANT, UNIT ONE Docket No. 50-483. (Union Electric
Company)
* Union Electric Co. 84/10/31. 80pp. Available at NRC. \$4.50.
27386:180. 24X Fiche: 50-483, 84/10/31, 8411070331.
- 8411070344 NUREG/CR-2000 V03 N9
LICENSEE EVENT REPORT (LER) COMPILATION FOR MONTH OF
SEPTEMBER 1984
* Oak Ridge National Laboratory. FIN A-9135. ORNL/NSIC-200.
84/10/31. Director's Office. 106pp. 27386:237.
- 8411080095 Forwards Vol 7 of NUREG/CR-2482, "Review of DOE Waste
Package Program Subtask 1.1-Natal Waste Package Program.
Draft Biannual Rept."
SOD, P. Brookhaven National Laboratory. FIN A-3164. 1482.
84/09/11. WICK, E.A. High Level Waste Licensing Management Branch.
8pp. 27451:207.
- 8411080115 Forwards draft NUREG/CR-3091, "Review of Waste Package
Verification Tests, Biannual Rept."
SOD, P. Brookhaven National Laboratory. FIN A-3167. 1483.
84/09/05. WICK, E.A. High Level Waste Licensing Management Branch.
33pp. 27451:294.
- 8411080262 Forwards June 1984 progress rept for "Technical Assistance
in Geochemistry," draft list of workshop issues &
photo-ready mats of NUREG/CR-3763. W/o NUREG.
WHITLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 1347.
84/07/09. BROOKS, D.J. Geotechnical Branch (Post 831001). 1p.
27482:225.
- 8411080280 Comments on NUREG/CR-3652, "Evaluation of Instrumentation
for Detection of Inadequate Core Cooling in BWRs." Agrees w/
conclusions re BWR water level sys & advisability of adding
core exit thermocouples.
HELMIG, D.R. BWR Owners Group. BWR0G-8438. 84/11/01. HODGES, W.
Reactor Systems Branch. 5pp. 27392:059.
- 8411080287 Forwards "Detailed Control Room Design Review Program Plan,"
in response to Item 3 of requirements specified in Suppl 1
to NUREG-0737 & Item 2a of 840612 confirmatory order.
KOBBER, R.W. Rochester Gas & Electric Corp. 84/10/31. ZWOLINSKI, J.
Operating Reactors Branch 5. 1p. 27391:331. 24X
Fiche: 50-244, 84/10/31, 8411080287.
- 8411080300 Forwards alternative inservice insp program for
accumulator injection line welds per SSER 4 (NUREG-0422).
PT & ultrasonic test exams will be performed w/accumulator
injection sys depressurized.
TUCKER, H.B. Duke Power Co. 84/11/05. DENTON, H.R. Office of
Nuclear Reactor Regulation, Director. 7pp. 27391:300. 24X
Fiche: 50-369, 84/11/05, 8411080300.
- 8411080314 Forwards clarification of NUREG-0737 items re post-accident
sampling & monitoring capabilities identified in Insp Rept
50-341/84-27.
JENS, W.H. Detroit Edison Co. EF2-72006. 84/11/01. YOUNGBLOOD, B.J.
Licensing Branch 1. 7pp. 27391:054. 24X Fiche: 50-341, 84/11/01,
8411080314.
- 8411080338 Forwards Page 77 & Figure 3.1 (Page 44a) to NUREG/CR-3572.
inadvertently omitted during publication process.
WARREN, B.P. Oak Ridge National Laboratory. FIN B-0289. 1252.
84/05/24. NRC - No Detailed Affiliation Given. 3pp. 27483:044.
- 8411080439 Forwards request for addl info re util 840730 ltr providing
QDC for safety parameter display sys. Info required within
30 days to meet requirements of NUREG-0737, Suppl 1.
VASSALLO, D.B. Operating Reactors Branch 2. GL-82-33. 84/10/22.
PARRIS, H.G. Tennessee Valley Authority. 5pp. 27405:148. 24X
Fiche: 50-259, 84/10/22, 8411080439.
- 8411080453 NUREG-0040 V08 N03
LICENSEE CONTRACTOR AND VENDOR INSPECTION STATUS REPORT.
Quarterly Report, July-September 1984. (White Book)
* Division of QA, Safeguards & Inspection Programs (Post 830103).
84/10/31. 182pp. 27404:194.
- 8411080457 NUREG/CR-4012
REPLACEMENT ENERGY COSTS FOR NUCLEAR ELECTRICITY-GENERATING
UNITS IN THE UNITED STATES.
VANKUIKEN, J.C., BUEHRING, W.A., GUZIEL, K.A. Argonne National
Laboratory. FIN A-2199. ANL-AA-30. 84/10/31. Office of Resource
Management, Director. 219pp. Available at NRC. \$6.50. 27397:161.
- 8411080461 NUREG/CR-3457
VALIDATION OF METHODS FOR EVALUATING RADON-FLUX ATTENUATION
THROUGH EARTHEN COVERS.
KALKWART, D.R., FREEMAN, H.D., HARTLEY, J.N. Battelle Memorial
Institute, Pacific Northwest Laboratories. FIN B-2269. PNL-5092.
84/10/31. Division of Radiation Programs & Earth Sciences (post
840429). 48pp. Available at NRC. \$3.75. 27402:191.
- 8411080516 Forwards final "Draft Staff Technical Position on Repository
Environ Parameters Relevant to Assessing Performance of
High Level Waste Packages," NUREG-1076. Position needs to be
generalized to include all repository media.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 1195.
84/05/14. CHANG, K.C. Engineering Branch (Post 831001). 2pp.
27405:018.
- 8411080517 NUREG-0944 S01
SAFETY EVALUATION REPORT RELATED TO THE FULL-TERM OPERATING
LICENSE FOR R.E. GINNA NUCLEAR POWER PLANT, Docket
No. 50-244. (Rochester Gas and Electric)
* Division of Licensing. 84/10/31. 40pp. Available at NRC.
\$4.00. 27402:237. 24X Fiche: 50-244, 84/10/31, 8411080517.
- 8411080545 NUREG-0750 V19 N06
NUCLEAR REGULATORY COMMISSION ISSUANCES FOR JUNE 1984.
* Commissioners. 84/10/31. 294pp. 27407:115.
- 8411080549 NUREG-0540 V06 N08
TITLE LIST OF DOCUMENTS MADE PUBLICLY AVAILABLE, August 1-31,
1984.
* Division of Technical Information & Document Control. 84/10/31.
637pp. 27402:277.
- 8411080560 Advises that Kanan noble gas monitors conform w/requirements
of NUREG-0737, Item II.F.1.1. Review of Task Initiation Action
84-03 completed.
EISENHUT, D.G. Division of Licensing. 84/10/29. SCARANO, R.A.
Division of Radiological Safety & Safeguards Program. 1p.
27407:098. 24X Fiche: 50-528, 84/10/29, 8411080560.
- 8411080663 Advises that Rev 2 to offsite dose calculation model
acceptable & in compliance w/draft Tech Specs, Section 6.14.1
& NUREG-0133.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/10/31. JENS, W. Detroit
Edison Co. 3pp. 27406:157. 24X Fiche: 50-341, 84/10/31, 8411080663.
- 8411090050 Forwards safety evaluation of implementation of inadequate
core cooling instrumentation (ICCI) sys. Proposed final ICCI
complies w/NUREG-0737, Item II.F.2 requirements & will be
acceptable upon completion of upgrading of existing ICCI.
VARGA, S.A. Operating Reactors Branch 1. 84/10/24. UDERITZ, R.A.
Public Service Electric & Gas Co. of New Jersey. 4pp. 27423:265.
24X Fiche: 50-272, 84/10/24, 8411090050.
- 8411090052 Safety evaluation accepting implementation of inadequate
core cooling instrumentation sys.
* NRC - No Detailed Affiliation Given. 84/10/24. 8pp.
27423:269. 24X Fiche: 50-272, 84/10/24, 8411090050.
- 8411090102 Forwards revs to FSAR Table 9.1-10 & Section 9.1.5.6, per
841029 discussions re response to heavy loads - Phase I. Revs
will be incorporated into Amend 9 to FSAR.
MITTL, R.L. Public Service Electric & Gas Co. of New Jersey.
84/11/05. SCHWENCER, A. Licensing Branch 2. 4pp. 27398:297. 24X
Fiche: 50-354, 84/11/05, 8411090102.
- 8411090115 Forwards "Detailed Control Room Design Review Program Plan,"
per NUREG-0737, Suppl 1, "Requirements for Emergency Response
Capability (Generic Ltr 82-33)."
GUCHA, L.T. Georgia Power Co. NED-84-556. 84/10/23. STOLZ, J.F.
Operating Reactors Branch 4. 2pp. 27402:101. 24X
Fiche: 50-321, 84/10/23, 8411090115.
- 8411090122 "Detailed Control Room Design Review Program Plan."
* Georgia Power Co. 84/10/31. 88pp. 27402:103. 24X
Fiche: 50-321, 84/10/23, 8411090115.
- 8411090177 Forwards NRC & Science Applications Intl Corp comments on
detailed control room design review program plan. Program
plan does not fully comply w/requirements of Suppl 1 to
NUREG-0737. Meeting to discuss & resolve concerns requested.
ZWOLINSKI, J.A. Operating Reactors Branch 5. LS05-84-11-005.
84/11/07. VANDEWALLE, D.J. Consumers Power Co. 10pp. 27398:218.
24X Fiche: 50-155, 84/11/07, 8411090177.
- 8411090183 Rev 1 to "Detailed Control Room Design Review Program Plan
Evaluation."
* Science Applications, Inc. NRC-03-82-096. TAC 51248.
84/10/09. NRC - No Detailed Affiliation Given. 13pp.
27398:228. 24X Fiche: 50-155, 84/11/07, 8411090177.

NONDOCKETED ITEMS

377

- 8411090220 "Draft Staff Technical Position on Repository Environ Parameters Relevant to Assessing Performance of High Level Waste Packages." review draft. CLAIBORNE, H. C., CROFF, A. G., GRIESS, J. C. Oak Ridge National Laboratory. FIN B-0288. 84/05/15. NRC - No Detailed Affiliation Given. 120pp. 27486:193.
- 8411090234 Comments on NUREG-1076, "Draft Technical Position on Repository Environ Parameters Relevant to Assessing Performance of High Level Waste Packages." per 840606 request. Rept adequately summarizes important parameters. CONTI, E. F. Waste Management Branch (post 840429). FIN B-0288. 1247. 84/07/03. BARRETT, L. H. Engineering Branch (Post 831001). 3pp. 27487:032.
- 8411090375 Forwards condensed write-ups of mods to problems provided by contractors to show recent mods to benchmark problems described in "Benchmark Problems for Repository Siting Models." (NUREG/CR-3097). W/o encl. JOHNSON, R. L. Repository Projects Branch (Post 831001). FIN B-6985. 1186. 84/04/23. CASEY, L. Energy, Dept. of. 1p. 27483:350.
- 8411090445 NUREG-0991 502 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF LIMERICK GENERATING STATION, UNITS 1 & 2. DOCKET Nos. 50-352 And 50-353. (Philadelphia Electric Company) * Division of Licensing. 84/10/31. 128pp. Available at NRC. \$5.50. 27423:001. 24X Fiche: 50-352, 84/10/31. 8411090445.
- 8411090520 NUREG-1093 RELIABILITY AND RISK ANALYSIS METHODS RESEARCH PLAN. * Division of Risk Analysis & Operations (post 840429). 84/10/31. 101pp. Available at NRC. \$4.75. 27435:081.
- 8411120043 Forwards Insp Rept 50-382/84-38 on 840820-24 & notice of violation. GAGLIARDO, J. E. Region 4, Office of Director. 84/10/17. LEDDICK, R. S. Louisiana Power & Light Co. 2pp. 27437:339. 24X Fiche: 50-382, 84/10/17. 8411120043.
- 8411120051 Insp Rept 50-382/84-38 on 840820-24. Violation noted: Form NRC-3 not posted nor readily observable near avenues of ingress & egress to & from control room & ofcs within reactor power block. CHANEY, H. D., MURRAY, B., CROSSMAN, W. A. Region 4, Office of Director. 84/10/01. 7pp. 27437:342. 24X Fiche: 50-382, 84/10/17. 8411120043.
- 8411120124 Requests mod of NRC 840302 order to allow until 850630 (Unit 1) & 851231 (Unit 2) for providing noble gas steam effluent monitor, per TMI Item II, F. 1.1. LUNDVALL, A. E. Baltimore Gas & Electric Co. 84/11/01. MILLER, J. R. Operating Reactors Branch 3. 3pp. 27430:170. 24X Fiche: 50-317, 84/11/01. 8411120124.
- 8411120329 Forwards application for amend to License NPF-14, revising Tech Specs re MSIV closure setpoint to Level 1 to reduce number of challenges to safety-relief valves, per NUREG-0737, Item II, K. 3. CURTIS, N. W. Pennsylvania Power & Light Co. PLA-2344. 84/10/31. SCHWENCER, A. Licensing Branch 2. 3pp. 27425:002. 24X Fiche: 50-387, 84/10/31. 8411120329.
- 8411120360 Application for amend to License NPF-14, revising Tech Specs re MSIV closure setpoint level, per NUREG-0737, Item II, K. 3. Fee paid. CURTIS, N. W. Pennsylvania Power & Light Co. 84/10/31. 1p. 27425:005. 24X Fiche: 50-387, 84/10/31. 8411120329.
- 8411120367 Proposed Tech Specs, revising MSIV closure setpoint to Level 1 to reduce number of challenges to safety-relief valves, per NUREG-0737, Item II, K. 3. CURTIS, N. W. Pennsylvania Power & Light Co. 84/10/31. 6pp. 27425:006. 24X Fiche: 50-387, 84/10/31. 8411120329.
- 8411120435 Forwards Insp Repts 50-275/84-27 & 50-323/84-19 on 840813-17 & 27-31. No violations noted. WENSLAWSKI, F. A. Region 5, Office of Director. 84/10/19. SHIFFER, J. D. Pacific Gas & Electric Co. 1p. 27458:073. 24X Fiche: 50-275, 84/10/19. 8411120435.
- 8411120439 Insp Repts 50-275/84-27 & 50-323/84-19 on 840813-17 & 27-31. No violations noted. Major areas inspected: Unit 1 startup tests; Unit 2 preoperational tests; radiation monitor calibr & implementation of NUREG 0737, Items II, B. 3 & II, F. 1. GARCIA, E. M., YUHAS, G. P. Region 5, Office of Director. 50-323/84-19. 84/10/19. 12pp. 27458:074. 24X Fiche: 50-275, 84/10/19. 8411120435.
- 8411130283 Forwards "Control of Heavy Loads (C-10). Davis-Besse Nuclear Power Station Unit 1." technical evaluation rept & SER. STOLZ, J. F. Operating Reactors Branch 4. 84/10/29. CROUSE, R. P. Toledo Edison Co. 1p. 27472:081. 24X Fiche: 50-346, 84/10/29. 8411130283.
- 8411130289 Safety evaluation re control of heavy loads-Phase I. Guidelines satisfied. * Office of Nuclear Reactor Regulation, Director. 84/10/29. 2pp. 27472:083. 24X Fiche: 50-346, 84/10/29. 8411130283.
- 8410090384 TER-C5506-348 "Control of Heavy Loads (C-10). Davis-Besse Nuclear Power Station Unit 1." technical evaluation rept. BOMBERGER, C. Franklin Institute/Franklin Research Center. NRC-03-81-130. TAC 10993. 84/09/24. SINGH, A. NRC - No Detailed Affiliation Given. 30pp. 27472:085. 24X Fiche: 50-346, 84/10/29. 8411130283.
- 8411130313 Staff requirements memo clarifying 841019 memo re QA rept to Congress. Corrected paragraph submitted showing that disapproved initiative directed only at operating reactor & would not preclude initiative for plant under const. CHILK, S. J. Office of the Secretary of the Commission. MB41016B. 84/11/02. DIRCKS, W. J. Office of the Executive Director for Operations. 1p. 27480:065.
- 8411130398 Comments on second draft of Vol 1 to NUREG-1061, "Investigation & Evaluation of Stress Corrosion Cracking in Piping of BWR Plants." Supports NUREG, "Pipe Replacement Matls Issues & Lessons Learned," encl. PITCAIRN, D. R. NUTEC Engineers, Inc. DRP-84-070. 84/11/05. Office of the Secretary of the Commission. 3pp. 27440:109.
- 8411130407 "Pipe Replacement Matls Issues & Lessons Learned." PITCAIRN, D. R. NUTEC Engineers, Inc. 84/08/31. 20pp. 27440:112.
- 8411130418 Forwards License DPR-80, safety evaluation, notice of issuance & Amend 17 to Indemnity Agreement B-75. License authorizes operation at reactor core power up to 3,338 MWt. EISENHUT, D. G. Division of Licensing. 84/11/02. SHIFFER, J. O. Pacific Gas & Electric Co. 4pp. 27870:059. 24X Fiche: 50-275, 84/11/02. 8411130418.
- 8411130435 Unexecuted Amend 7 to Indemnity Agreement B-75, revising Item 3 in entirety as listed. Tech Specs (NUREG-1102) encl. SALTZMAN, J. Assistant Director for State & Licensee Relations. 84/11/02. 400pp. 27479:001. 24X Fiche: 50-275, 84/11/02. 8411130418.
- 8411130499 Forwards Insp Repts 50-269/84-23, 50-270/84-22 & 50-287/84-24 on 840811-0910. No violations or deviations noted. DANCE, H. C. Division of Project & Resident Programs. 84/10/02. TUCKER, H. B. Duke Power Co. 2pp. 24X Fiche: 50-269, 84/10/02. 8411130499.
- 8411130503 Insp Repts 50-269/84-23, 50-270/84-22 & 50-287/84-24 on 840811-0910. No violations or deviations noted. Major areas inspected: operations, maint, surveillance, EBFs, fuel handling & open items. BRYANT, J. Region 2, Office of Director. 50-287/84-24. 84/10/02. 7pp. 24X Fiche: 50-269, 84/10/02. 8411130499.
- 8411130553 NUREG/CR-3857 LONG-TERM EMBRITTLEMENT OF CAST DUPLEX STAINLESS STEELS IN LWR SYSTEMS: ANNUAL REPORT, October 1982 - September 1983. CHOPRA, D. K., AYRAULT, O. Argonne National Laboratory. FIN A-2243. ANL-84-44. 84/10/31. Division of Engineering Technology. 30pp. 27477:013.
- 8411130557 NUREG/CR-3938 REACTIVITY INITIATED ACCIDENT TEST SERIES TEST RIA 1-4 FUEL BEHAVIOR REPORT. COOK, B. A., MARTINSON, Z. R. EG&G, Inc. FIN A-6305. EGG-2336. 84/10/31. Division of Accident Evaluation. 49pp. 27477:321.
- 8411130562 NUREG/CR-3804 V02 PHYSICS OF REACTOR SAFETY QUARTERLY REPORT, April-June 1984. * Argonne National Laboratory. FIN A-2015. ANL-84-35. 84/10/31. Division of Accident Evaluation. 32pp. 27476:293.
- 8411130568 Advises that 840305, 0626 & 29 request for mods to license re installation of post-accident monitoring, per TMI Item II, F. 1, should be pursued via formal license amend process. MILLER, J. R. Operating Reactors Branch 3. 84/10/12. FAY, C. W. Wisconsin Electric Power Co. 3pp. 27472:063. 24X Fiche: 50-266, 84/10/12. 8411130568.

NONDOCKETED ITEMS

- 8411130571 NUREG/CR-3855
CHARACTERIZATION OF NUCLEAR REACTOR CONTAINMENT
PENETRATIONS - PRELIMINARY REPORT.
BUMP, T. R. Argonne National Laboratory. * Sandia Laboratories. FIN
A-1375. SAND84-7139. 84/10/31. Division of Engineering
Technology. 272pp. 27475:042.
- 8411130577 NUREG/CR-3993
GEOCHEMICAL INVESTIGATIONS AT MAXEY FLATS RADIOACTIVE WASTE
DISPOSAL SITE.
DAYAL, R., PIETRZAK, R. F., CLINTON, J. Brookhaven National Laboratory.
FIN A-3042. BNL-NUREG-51820. 84/10/31. Division of Health,
Siting & Waste Management. 143pp. 27474:175.
- 8411130582 NUREG/CR-3811
ALTERNATE PROCEDURES FOR THE SEISMIC ANALYSIS OF MULTIPLY
SUPPORTED PIPING SYSTEMS.
SUBUDHI, M., BEZLER, P., WANG, Y. K. Brookhaven National Laboratory.
FIN A-3225. BNL-NUREG-51773. 84/10/31. Division of Engineering
Technology. 326pp. 27473:046.
- 8411130622 NUREG/CR-3850
DEBRIS BED QUENCHING UNDER BOTTOM FLOOD CONDITIONS
(IN-VESSEL DEGRADED CORE COOLING PHENOMENOLOGY).
TUTU, N. K., GINSBERG, T., KLEIN, J. Brookhaven National Laboratory.
FIN A-3024. BNL-NUREG-51788. 84/10/31. Division of Accident
Evaluation. 80pp. 27477:158.
- 8411130636 NUREG/CR-3094
SECONDARY SIDE PHOTOGRAPHIC TECHNIQUES USED IN
CHARACTERIZATION OF SURRY STEAM GENERATOR.
SINCLAIR, R. B. Battelle Memorial Institute, Pacific Northwest
Laboratories. FIN B-2097. PNL-5053. 84/10/31. Division of
Engineering Technology. 45pp. 27477:112. 24X Fiche:50-280,
84/10/31.8411130636.
- 8411130643 NUREG/CR-3841
STEAM GENERATOR GROUP PROJECT. Task 6 - Channel Head
Decontamination.
ALLEN, R. P., CLARK, R. L., REECE, W. D. Battelle Memorial Institute,
Pacific Northwest Laboratories. FIN B-2097. PNL-4712. 84/08/31.
Division of Engineering Technology. 364pp. 27475:317.
- 8411130652 NUREG/CR-3980 V01
LIGHT-WATER-REACTOR SAFETY FUEL SYSTEMS RESEARCH PROGRAMS:
Quarterly Progress Report, January-March 1984.
* Argonne National Laboratory. FIN A-2016. ANL-84-61. 84/10/31.
Division of Accident Evaluation. 45pp. 27476:328.
- 8411130663 NUREG/CR-3721 V02
PRESSURE MEASUREMENTS IN A HYDROGEN COMBUSTION ENVIRONMENT.
Volume 2: An Evaluation of Three Pressure Transducers.
MARSHALL, B. W., RATZELL, A. C. Sandia Laboratories. FIN A-1246.
SAND83-2421. 84/10/31. Division of Accident Evaluation. 69pp.
27477:235.
- 8411130669 NUREG/CR-2267
EVALUATION OF PORTABLE RADIOLOGICAL INSTRUMENTS FOR
EMERGENCY RESPONSE MEASUREMENTS OF RADIOIODINE.
KRUPA, J. F., BIRD, S. K., MOTES, B. G. Idaho National Engineering
Laboratory. FIN A-6286. WINCO-1003. 84/10/31. Division of
Facility Operations. 100pp. 27472:117.
- 8411130674 NUREG/CR-3808
AGING-SEISMIC CORRELATION STUDY ON CLASS IE EQUIPMENT.
SUGARMAN, A. C. NUTECH Engineers, Inc. * Sandia Laboratories. FIN
A-1051. SAND84-7135. 84/10/31. Division of Engineering
Technology. 74pp. 27474:317.
- 8411130680 NUREG-1088
TECHNICAL SPECIFICATIONS FOR LIMERICK GENERATING STATION.
UNIT No. 1. Docket No 50-352. (Philadelphia Electric Company)
HOFFMAN, D. R. Division of Licensing. 84/10/31. 500pp. 27470:058.
24X Fiche:50-352.84/10/30.8411130680.
- 8411130682 NUREG/CR-3589 V03/4
REACTOR SAFETY RESEARCH QUARTERLY REPORT, JULY-SEPTEMBER 1983
AND OCTOBER-DECEMBER 1983. Volumes 27 And 28.
* Sandia Laboratories. FIN A-1016. SAND83-2425. 84/10/31.
Division of Accident Evaluation. 175pp. 27474:013.
- 8411130688 Extends deadline to Fourth Quarter 1985 for implementation
of upgraded emergency operating procedures required by
Suppl 1 to NUREG-0737.
EISENHUT, D. C. Division of Licensing. 84/10/15. WITHERS, B. D.
Portland General Electric Co. 2pp. 27463:338. 24X
Fiche:50-344.84/10/15.8411130688.
- 8411130696 NUREG/CR-3885 V01
HIGH TEMPERATURE GAS-COOLED REACTOR SAFETY STUDIES FOR THE
DIVISION OF ACCIDENT EVALUATION QUARTERLY PROGRESS REPORT.
JANUARY 1 - MARCH 31, 1984.
BALL, S. J., CLEVELAND, J. C., HARRINGTON, R. M. Oak Ridge National
Laboratory. FIN B-0122. ORNL/TM-9267/V1. 84/10/31. Division of
Accident Evaluation. 21pp. 27471:214.
- 8411130703 Requests addl fee for 840209 application to amend Licenses
DPR-32 & DPR-37, revising Tech Specs re NUREG-0737
requirements.
DIGGS, R. M. License Fee Management Branch. 84/10/31. STEWART, W. L.
Virginia Electric & Power Co. 1p. 27471:210. 24X
Fiche:50-280.84/10/31.8411130703.
- 8411130715 Forwards request for addl info re 840606 submittal on
safety parameter display sys per Suppl 1 to NUREG-0737.
Response requested within 30 days.
MILLER, J. R. Operating Reactors Branch 3. 84/10/23. LUNDVALL, A. E.
Baltimore Gas & Electric Co. 4pp. 27463:342. 24X
Fiche:50-317.84/10/23.8411130715.
- 8411130732 NUREG/CR-3942
TESTS TO DETERMINE HOW SUPPORT TYPE AND EXCITATION SOURCE
INFLUENCE PIPE DAMPING.
ARENDTS, J. G., WARE, A. G. EG&G, Inc. FIN A-6316. EGG-2337.
84/10/31. Division of Engineering Technology. 29pp. 27472:218.
- 8411130734 NUREG/CR-3975
IDENTIFICATION AND ASSESSMENT OF ANTICIPATED MAJOR CHANGES
IN CONTROL ROOMS.
FORD, R. E., MEYER, D. R., BLACKMAN, H. S. EG&G, Inc. FIN A-6390.
EGG-2339. 84/10/31. Division of Risk Analysis & Operations (post
840429). 81pp. 27472:326.
- 8411130735 NUREG/CR-3685
TOXIC GAS ACCIDENT ANALYSIS CODE USER'S MANUAL.
CHANIN, D. I., SHIVER, A. W., BENNETT, D. E. Sandia Laboratories. FIN
A-1214. SAND84-0367. 84/10/31. Division of Risk Analysis &
Operations (post 840429). 65pp. 27477:046.
- 8411130737 NUREG/CR-3597
EQUIPMENT QUALIFICATION METHODOLOGY RESEARCH: TESTS OF RTDs.
WYANT, E. J., MINOR, E. E. Sandia Laboratories. FIN A-1355.
SAND84-0938. 84/10/31. Division of Engineering Technology. 77pp.
27472:248.
- 8411140028 NUREG/CR-3689 V04
MATERIALS SCIENCE AND TECHNOLOGY DIVISION LIGHT-WATER-
REACTOR SAFETY RESEARCH PROGRAM: QUARTERLY PROGRESS REPORT.
October-December 1983.
SHACK, W. J. Argonne National Laboratory. FIN A-2016. ANL-83-85.
84/10/31. Division of Engineering Technology. 170pp. 27496:137.
- 8411140030 Forwards SSER 5 (NUREG-0876). W/o encl.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/10/31. FARRAR, D. L.
Commonwealth Edison Co. 4pp. 27496:354. 24X Fiche:50-454.84/10/31.
8411140030.
- 8411140035 NUREG/CR-3928
ASSESSMENT OF REACTOR COOLANT PUMP INSTRUMENTATION IN
SUPPORT OF COOLANT INVENTORY TREND ANALYSIS.
ARAVE, A. E. EG&G, Inc. FIN A-6369. EGG-2333. 84/10/31. Division
of Facility Operations. 46pp. 27496:308.
- 8411140096 NUREG/CR-3909
SOLIDIFICATION AND LEACHING OF BORIC ACID AND RESIN LWR
WASTES.
ARRORA, H., DAYAL, R. Brookhaven National Laboratory. FIN A-3027.
BNL-NUREG-51805. 84/10/31. Division of Radiation Programs & Earth
Sciences (post 840429). 47pp. 27525:214.
- 8411140102 NUREG/CR-3820 V02
THERMAL/HYDRAULIC ANALYSIS RESEARCH PROGRAM QUARTERLY
REPORT, APRIL-JUNE 1984.
THOMPSON, S. L. Sandia Laboratories. FIN A-1205. SAND84-1025/2.
84/10/31. Division of Accident Evaluation. 57pp. 27526:073.
- 8411140107 NUREG/CR-3996
RESPONSE MARGINS OF THE DYNAMIC ANALYSIS OF PIPING SYSTEMS.
JOHNSON, J. J., BENDA, B. J., CHUANG, T. Y. Lawrence Livermore National
Laboratory. FIN A-0387. UCID-20067. 84/10/31.
Mechanical/Structural Engineering Branch. 79pp. Available at NRC.
\$4.50. 27509:162.
- 8411140111 NUREG/CR-3998 V01
LIGHT-WATER-REACTOR SAFETY MATERIALS ENGINEERING RESEARCH
PROGRAMS: QUARTERLY PROGRESS REPORT, JANUARY-MARCH 1984.
SHACK, W. J. Argonne National Laboratory. FIN A-2212. ANL-84-60 V01.
84/10/31. Division of Engineering Technology. 99pp. 27509:237.

NONDOCKETED ITEMS

379

- 8411140135 Forwards Insp Repts 50-413/84-82 & 50-414/84-36 on 840726-0825. No violation or deviation noted.
DANCE, H. C. Region 2, Office of Director. 84/10/01. TUCKER, H. B. Duke Power Co. 2pp. 27493:331. 24X Fiche: 50-413, 84/10/01, 8411140135.
- 8411140148 Insp Repts 50-413/84-82 & 50-414/84-36 on 840726-0825. No violation or deviation noted. Major areas inspected: followup of NRC & licensee identified items, site tours, maint & surveillance observations, plant operation & TMI action item.
VANDORDEN, P. K., SKINNER, P. H., BROWNLEE, V. L. Region 2, Office of Director. 50-414/84-36. 84/10/01. 7pp. 27493:333. 24X Fiche: 50-413, 84/10/01, 8411140135.
- 8411140235 Forwards comments on Vol 1 of NUREG-1061, "Investigation & Evaluation of Stress Corrosion Cracking in Piping of BWR Plants." Rept good compilation of info & good appraisal of IOSCC.
DELEGEORGE, L. O. Commonwealth Edison Co. 0408B/61. 84/11/07. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 5pp. 27468:291.
- 8411140254 Forwards corrected 840912 proposed Tech Spec changes re upgrade of emergency feedwater sys to meet requirements of NUREG-0737 Item II.E.1.2. Administrative items inadvertently omitted from previous submittal.
GRIFFIN, J. M. Arkansas Power & Light Co. 1CAN118406. 84/11/08. STOLZ, J. F. Operating Reactors Branch 4. 2pp. 27468:243. 24X Fiche: 50-313, 84/11/08, 8411140254.
- 8411140274 Forwards application to amend License DPR-6, changing Tech Specs re stack gas monitoring sys, in response to NUREG-0737 Item II.F.1, per Generic Ltr 83-36. Info supersedes 811027, 1215 & 831216 requests. Fee paid on 811027.
KUEMIN, J. L. Consumers Power Co. GL-83-36. 84/11/08. Office of Nuclear Reactor Regulation, Director. 1p. 27468:233. 24X Fiche: 50-155, 84/11/08, 8411140274.
- 8411140288 Application to amend License DPR-6, changing Tech Specs to reflect requirements of NUREG-0737 Item II.F.1 re noble gas effluent monitor & sampling & analysis of plant effluents & Generic Ltr 83-36 re STS for BWRs.
DEWITT, R. B. Consumers Power Co. GL-83-36. 84/11/08. 3pp. 27468:234. 24X Fiche: 50-155, 84/11/08, 8411140274.
- 8411140294 Proposed Tech Specs reflecting requirements of NUREG-0737 re noble gas effluent monitor & sampling & analysis of plant effluents.
* Consumers Power Co. 84/11/08. 4pp. 27468:237. 24X Fiche: 50-155, 84/11/08, 8411140274.
- 8411140297 Ack receipt of 840928 ltr informing NRC of steps taken to correct violations noted in Insp Repts 50-390/84-37 & 50-391/84-31.
LEWIS, R. C. Region 2, Office of Director. 84/10/19. PARRIS, H. G. Tennessee Valley Authority. 1p. 27491:284. 24X Fiche: 50-390, 84/10/19, 8411140297.
- 8411140312 Insp Repts 50-390/84-37 & 50-391/84-31 on 840525-0623. Violations noted: failure to follow configuration control procedures, inadequate clearance procedure & failure to perform step in maint procedure.
SHYMLUCK, M. B., SWAN, W. B., HOLLAND, W. E. Region 2, Office of Director. 50-391/84-31. 84/07/13. 17pp. 27491:292. 24X Fiche: 50-390, 84/10/19, 8411140297.
- 8411140352 Informs that neutron flux monitoring sys appropriate for functions within design basis & not required to be qualified for harsh post-accident environ conditions, per NUREG-0737, Suppl 1, Rev to Page 31 of Reg Guide 1.97 rept encl.
HUKILL, H. D. General Public Utilities - GPU Service Corp. 5211-84-2279. 84/11/09. STOLZ, J. F. Operating Reactors Branch 4. 5pp. 27467:182. 24X Fiche: 50-289, 84/11/09, 8411140352.
- 8411140395 Responds to 840727 ltrs re auxiliary feedwater sys Tech Specs. Auxiliary feedwater sys must be tested monthly per NUREG-0737, Item II.E.1.1. Appeals meeting in Bethesda, MD within 30 days proposed.
MILLER, J. R. Operating Reactors Branch 3. GL-83-37. 84/10/25. ANDREWS, R. L. Omaha Public Power District. 4pp. 27525:004. 24X Fiche: 50-285, 84/10/25, 8411140395.
- 8411140548 Forwards Insp Rept 50-390/84-74 on 840917-21. No violations or deviations noted.
VERRELL, D. M. Region 2, Office of Director. 84/10/11. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27495:223. 24X Fiche: 50-390, 84/10/11, 8411140548.
- 8411140553 Insp Rept 50-390/84-74 on 840917-21. No violations or deviations noted. Major areas inspected: audits & surveillance, organization & mgt, training & qualifications, facilities & equipment & survey.
HOBSEY, C. M., COOPER, W. T., JENKINS, O. R. Region 2, Office of Director. 84/10/09. 13pp. 27495:225. 24X Fiche: 50-390, 84/10/11, 8411140548.
- 8411150007 Forwards revised integrated implementation plan in response to Suppl 1 to NUREG-0737 (Generic Ltr 82-33). Control room design review & Reg Guide 1.97 programs discussed.
ENOS, J. T. Arkansas Power & Light Co. 0CAN118403. 84/11/09. EISENHUT, D. G. Division of Licensing. 9pp. 27504:174. 24X Fiche: 50-313, 84/11/09, 8411150007.
- 8411150017 Advises that TMI Item III.D.3.4, "Control Room Habitability," not fully operable at facilities, in response to Generic Ltrs 82-05 & 82-10. Minor work incomplete. Sys will be operable by 841231.
RYBAK, B. Commonwealth Edison Co. GL-82-10. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27504:250. 24X Fiche: 50-000, 84/10/31, 8411150017.
- 8411150030 Forwards response to request for addl info re NUREG-0737, TMI Action Item II.D.1, concerning relief & safety valve performance testing.
STEWART, W. L. Virginia Electric & Power Co. 107B. 84/10/31. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. MILLER, J. R. Operating Reactors Branch 3. 130pp. 27505:015. 24X Fiche: 50-338, 84/10/31, 8411150030.
- 8411150069 Forwards "Dresden Station Emergency Operating Procedures Generation Package." Package includes plant specific technical guidelines, emergency procedures writers guide & verification & validation of emergency procedures.
RYBAK, B. Commonwealth Edison Co. 9395N. 84/10/30. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27503:153. 24X Fiche: 50-237, 84/10/30, 8411150069.
- 8411150092 Forwards "Quad Cities Nuclear Power Station Emergency Operating Procedures Generation Package." Package includes plant-specific technical guidelines, emergency procedures writers guide & training program description.
RYBAK, B. Commonwealth Edison Co. 9395N. 84/10/30. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 2pp. 27500:289. 24X Fiche: 50-254, 84/10/30, 8411150092.
- 8411150095 "Quad Cities Nuclear Power Station Emergency Operating Procedures Generation Package."
* Commonwealth Edison Co. 84/10/30. 89pp. 27500:291. 24X Fiche: 50-254, 84/10/30, 8411150092.
- 8411150119 Forwards response to NRC 801222 request for info in Sections 2.2, 2.3 & 2.4 re planned controls for handling heavy loads.
SER Outstanding Item 12 satisfied.
BOOKER, J. E. Gulf States Utilities Co. RBQ-19, 354. 84/11/05. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 53pp. 27510:251. 24X Fiche: 50-458, 84/11/05, 8411150119.
- 8411150144 Notifies that 840912 Rev 4 to offsite dose calculation manual acceptable. Manual consistent w/methodology & guidelines in NUREG-0133 & in compliance w/Section 6.14.1 of final draft Tech Specs issued w/NRC 840914 ltr.
SCHWENGER, A. Licensing Branch 2. 84/10/31. LEONARD, J. D. Long Island Lighting Co. 4pp. 27543:206. 24X Fiche: 50-322, 84/10/31, 8411150144.
- 8411150326 Requests remittance of addl fee for 830427 application to amend License DPR-46, changing Tech Specs to incorporate certain NUREG-0737 items.
DIQOS, R. M. License Fee Management Branch. 84/11/06. PILANT, J. M. Nebraska Public Power District. 1p. 27530:278. 24X Fiche: 50-298, 84/11/06, 8411150326.
- 8411150345 Requests reconsideration of 840730 proposed schedule for completion of NUREG-0737, Item II.B.3 re post-accident sampling sys w/proposed goal of providing all submittals by 841215.
MILLER, J. R. Operating Reactors Branch 4. 84/10/05. RANDAZZA, J. B. Maine Yankee Atomic Power Co. 2pp. 27530:271. 24X Fiche: 50-309, 84/10/05, 8411150345.
- 8411160012 Forwards rept to Congress on ADs (NUREG-0090, Vol 7, Number 2) for Second Quarter CY84. Rept contains one AD for licensed nuclear reactor, one AD re therapeutic medical misadministration & AD update info.
PALLADINO, N. J. Commissioners. 84/11/08. O'NEILL, T. P. House of Rep., Speaker of the House. BUSH, G. Senate, President of the Senate. 1p. 27565:362.

NONDOCKETED ITEMS

- 841160015 Forwards FR notice, ltrs to Congress & NUREG-0090, Vol 7, Number 2, "Rept to Congress on AOS." W/o encls.
DIRCKS, W. J. Office of the Executive Director for Operations.
84/11/01. CHILK, S. J. Office of the Secretary of the Commission.
1p. 27565:363.
- 841160028 NUREG/CR-3971
A HANDBOOK FOR COST ESTIMATING: A Method For Developing Estimates Of Costs For Generic Actions For Nuclear Power Plants.
BALL, J. R. Argonne National Laboratory. COHEN, S. S. Cohen & Associates, Inc. ZIEGLER, E. Z. United Engineers & Constructors, Inc. (subs. of Raytheon Co.). FIN A-2316. ANL/EES-TM-265. 84/10/31. Division of Safety Technology. 187pp. Available at NRC. \$6.00. 27563:126.
- 841160083 NUREG/CR-3779 VO2
THE HYDROGEN BURN - EQUIPMENT RESPONSE ALGORITHM (HYBER). Reference Manual.
KEMPKA, S. N., RATZEL, A. C. Sandia Laboratories. FIN A-1306. SAND83-2579. 84/08/31. Division of Engineering. 89pp. 27565:024.
- 841160085 NUREG/CR-3779 VO1
THE HYDROGEN BURN - EQUIPMENT RESPONSE ALGORITHM (HYBER). Users Guide.
KING, D. B., RATZEL, A. C., KEMPKA, S. N. Sandia Laboratories. FIN A-1036. SAND84-0160. 84/08/31. Division of Engineering. 136pp. 27565:116.
- 841160087 NUREG-0940 VO3 NO3
ENFORCEMENT ACTIONS: SIGNIFICANT ACTIONS RESOLVED. Quarterly Progress Report, July-September 1984.
* Enforcement Staff. 84/10/31. 288pp. 27561:035.
- 841160116 Requests comments re ORNL/NSIC draft case study rept (NUREG/CR-3551), "Safety Implications Associated W/In-Plant Pressurized Gas Storage & Distribution Sys in Nuclear Power Plants," within 30 days to finalize rept.
HELTENES, C. J. Director's Office. 84/11/09. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. MINIQUE, R. B. Office of Nuclear Regulatory Research, Director. 2pp. 27566:010.
- 841160122 Requests comments re ORNL/NSIC draft case study rept (NUREG/CR-3551), "Safety Implications Associated W/In-Plant Pressurized Gas Storage & Distribution Sys in Nuclear Power Plants," within 30 days to finalize rept.
HELTENES, C. J. Director's Office. 84/11/09. PATE, Z. Institute of Nuclear Power Operations. 2pp. 27566:012.
- 841160127 Requests comments re ORNL/NSIC draft case study rept (NUREG/CR-3551), "Safety Implications Associated W/In-Plant Pressurized Gas Storage & Distribution Sys in Nuclear Power Plants," within 1 month to finalize rept.
ORNSTEIN, H. Director's Office. 84/11/09. SPITZER, E. L. Indiana & Michigan Electric Co. 1p. 27566:014.
- 841160136 Requests comments re ORNL/NSIC draft case study rept (NUREG/CR-3551), "Safety Implications Associated W/In-Plant Pressurized Gas Storage & Distribution Sys in Nuclear Power Plants," within 30 days to finalize rept.
HELTENES, C. J. Director's Office. 84/11/09. ROSSIN, D. Nuclear Safety Analysis Center. 76pp. 27566:015.
- 841160128 Forwards Insp Repts 50-373/83-52 & 50-374/83-55 on 831108-841022 & notice of violation.
KEPPLER, J. G. Region 3, Office of Director. EA-84-016. 84/10/26. O'CONNOR, J. J. Commonwealth Edison Co. 3pp. 27544:308. 24X Fiche: 50-373, 84/10/26, 841160128.
- 841160135 Notice of violation from insp on 831108-841022.
KEPPLER, J. G. Region 3, Office of Director. 50-374/83-55. 84/10/25. 2pp. 27544:311. 24X Fiche: 50-373, 84/10/26, 841160128.
- 841160145 Insp Repts 50-373/83-52 & 50-374/83-55 on 831108-841022.
Violation noted: failure to assure that containment isolation valves conformed to FSAR requirement that valves not reposition upon resetting of ESF actuation signal.
LANKSBURY, R. D., RING, M. A. Region 3, Office of Director. 50-374/83-55. 84/10/25. 5pp. 27544:313. 24X Fiche: 50-373, 84/10/26, 841160128.
- 841160139 NUREG/CP-0053
PROCEDURES OF THE STATE WORKSHOP ON SHALLOW LAND BURIAL AND ALTERNATIVE DISPOSAL CONCEPTS. Held At Bethesda, Maryland, May 2-3, 1984.
* Division of Waste Management. * Division of Fuel Cycle & Material Safety. * Office of State Programs, Director. 84/10/31. 383pp. Available at NRC. \$8.50. 27564:001.
- 841160230 Submits addl info requested in 840829 ltr re NUREG-0737, Items III.K.2.16 & II.K.3.25. Mods made to improve integrity of reactor coolant pump seal by providing seal injection to reactor coolant pumps during safety features actuation.
RODRIGUEZ, R. J. Sacramento Municipal Utility District. RJR 84-. 84/11/13. EISENHUT, D. G. Division of Licensing. 3pp. 27533:292. 24X Fiche: 50-312, 84/11/13, 841160230.
- 841160241 Forwards advanced set of corrected pages to Tech Specs, NUREG-1058, Rev 1. Printed version of NUREG-1058, Rev 1 will be forwarded when available.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/01. SCHNELL, D. F. Union Electric Co. 48pp. 27565:287. 24X Fiche: 50-483, 84/11/01, 841160241.
- 841160248 Provides further understanding on design of GSPDS/PPS circuit interface, in response to questions raised during 841108 telcon re encl final Significant Const Deficiency Rept SCD-109.
COOK, K. W. Louisiana Power & Light Co. W3P84-3187. 84/11/14. KNOTTON, G. W. Licensing Branch 3. 2pp. 27539:058. 24X Fiche: 50-382, 84/11/14, 841160248.
- 841160326 Forwards Insp Rept 50-220/84-14 on 840730-0803. No violations noted.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/10/26. HOOTEN, B. G. Niagara Mohawk Power Corp. 2pp. 27545:022. 24X Fiche: 50-220, 84/10/26, 841160326.
- 841160335 Insp Rept 50-220/84-14 on 840730-0803. No violations noted.
Major areas inspected: licensee implementation of listed TMI task items identified in NUREG-0737, including post-accident sampling of reactor coolant atmosphere.
MILLER, M. T., HULL, A., CARSON, B. Region 1, Office of Director. 84/10/17. 31pp. 27545:024. 24X Fiche: 50-220, 84/10/26, 841160326.
- 841160327 Forwards Amend 85 to License DPR-20 & safety evaluation. Amend modifies Tech Specs to add radiological effluent Tech Specs necessary to implement requirements of 10CFR50, App I.
ZMOLINSKI, J. A. Operating Reactors Branch 5. LS05-84-11-010. 84/11/09. VANDEWALL, D. J. Consumers Power Co. 3pp. 27536:224. 24X Fiche: 50-255, 84/11/09, 841160327.
- 841160340 Safety evaluation supporting Amend 85 to License DPR-20.
* Office of Nuclear Reactor Regulation, Director. GL-83-43. 84/11/09. 7pp. 27536:311. 24X Fiche: 50-255, 84/11/09, 841160327.
- 841160459 Forwards technical evaluation rept, "Control of Heavy Loads at Nuclear Power Plants, Nine Mile Point Unit 2 (Phase I)." Control of heavy loads is open issue in safety review.
SCHWENGER, A. Licensing Branch 2. 84/11/05. HOOTEN, B. G. Niagara Mohawk Power Corp. 2pp. 27548:280. 24X Fiche: 50-410, 84/11/05, 841160459.
- 841160466 "Control of Heavy Loads at Nuclear Power Plants, Nine Mile Point Unit 2 (Phase I)," technical evaluation rept.
SHABER, C. R., STICKLEY, T. H. Energy Engineering Group. FIN A-6457. 84/09/30. NRC - No Detailed Affiliation Given. 39pp. 27548:282. 24X Fiche: 50-410, 84/11/05, 841160459.
- 841160462 Forwards Amend 85 to License DPR-40 & safety evaluation. Amend revises Tech Specs to include more formal administrative requirements on limiting overtime.
TOURIGNY, E. G. Operating Reactors Branch 3. 84/10/11. ANREWS, R. L. Omaha Public Power District. 1p. 27546:352. 24X Fiche: 50-285, 84/10/11, 841160462.
- 841160470 Safety evaluation supporting Amend 85 to License DPR-40.
* Office of Nuclear Reactor Regulation, Director. GL-82-16. 84/10/11. 2pp. 27546:358. 24X Fiche: 50-285, 84/10/11, 841160462.
- 841160492 Forwards request for addl info re initial test program & SER (NUREG-0989) Confirmatory Item 61, for review of FSAR Chapter 14 through Amend 13.
SCHWENGER, A. Licensing Branch 2. 84/11/08. CAHILL, W. J. Gulf States Utilities Co. 3pp. 27546:057. 24X Fiche: 50-458, 84/11/08, 841160492.
- 841160552 Forwards SSER 1 (NUREG-0989) W/o encl.
SCHWENGER, A. Licensing Branch 2. 84/11/08. CAHILL, W. J. Gulf States Utilities Co. 2pp. 27543:347. 24X Fiche: 50-458, 84/11/08, 841160552.
- 841160595 NUREG-1097
TECHNICAL SPECIFICATIONS FOR BYRON STATION UNIT 1. Docket No. 50-454. (Commonwealth Edison Co.)
MOON, C. W. Division of Licensing. 84/10/31. 485pp. 27562:001. 24X Fiche: 50-454, 84/10/31, 841160595.

NONDOCKETED ITEMS

381

8411190272 Forwards preliminary NUREG/CR-4006, "Closeout of IE Bulletin 81-01: Surveillance of Mechanical Snubbers." Closeout Criterion 3 based on NRC/IE tracking sys not used since rept preliminary & document retrieval incomplete.
LOPEZ, R. A. Parameter, Inc. NRC-03-82-249. IEB-81-01. 84/11/15.
BAER, R. L. Engineering & Generic Communications Branch. 33pp. 27554:052.

8411190283 Forwards control room design review summary rept. per Suppl 1 to NUREG-0737. W/o encl.
COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W. G. Northeast Utilities. A02959. 84/11/01.
YOUNGBLOOD, B. J. Licensing Branch 1. 2pp. 27554:001. 24X Fiche: 50-423. 84/11/01. 8411190283.

8411190289 Forwards addl info re safe loadpaths, testing of crane controls & special lifting devices, for review of response to NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants."
WILLIAMS, J. W. Florida Power & Light Co. L-84-327. 84/11/09.
MILLER, J. R. Operating Reactors Branch 3. 19pp. 27554:112. 24X Fiche: 50-389. 84/11/09. 8411190289.

8411190291 Forwards response to SER Confirmatory Item 16 re control rod drive structural matl.
COUNSIL, W. G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W. G. Northeast Utilities. B11359. 84/11/09.
YOUNGBLOOD, B. J. Licensing Branch 1. 3pp. 27554:323. 24X Fiche: 50-423. 84/11/09. 8411190291.

8411190303 Forwards response to NRC 840209 request for addl info re NUREG-0737, TMI Action Item II, D.1 concerning relief & safety valve testing. Info prepared by B&W, per 840501 ltr.
STEWART, W. L. Virginia Electric & Power Co. 1068. 84/10/31.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director.
VARGA, S. A. Operating Reactors Branch 1. 123pp. 27554:193. 24X Fiche: 50-280. 84/10/31. 8411190303.

8411190403 Discusses commitments in response to SEP Topic III-10. A. "Thermal Overload Protection for Motor-Operated Valves." Need to replace motor operators & schedule for completion will be determined by integrated safety assessment program.
COUNSIL, W. G., SEARS, C. F. Connecticut Yankee Atomic Power Co. B11353. 84/11/08. ZWOLINSKI, J. A. Operating Reactors Branch 5. 2pp. 27551:168. 24X Fiche: 50-213. 84/11/08. 8411190403.

8411190416 Application for amend to License DPR-21, confirming licensee commitments on post-TMI related issues from Generic Ltr B2-10, including TMI Action Items III, A.2.2, "Meteorological Data" & III, D.3.4, "Control Room Habitability." Fee paid.
COUNSIL, W. G., SEARS, C. F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W. G. Northeast Utilities. B11364. 84/11/07. ZWOLINSKI, J. A. Operating Reactors Branch 5. 5pp. 27551:227. 24X Fiche: 50-245. 84/11/07. 8411190416.

8411190438 Application for amend to License DPR-61, revising Tech Specs to defer commitment re NUREG-0737, Item III, D.3.4, "Control Room Habitability." per Generic Ltr B2-10. Fee paid.
COUNSIL, W. G., SEARS, C. F. Connecticut Yankee Atomic Power Co. B11356. 84/11/07. ZWOLINSKI, J. A. Operating Reactors Branch 5. 4pp. 27553:027. 24X Fiche: 50-213. 84/11/07. 8411190438.

--8411190444 Proposed Tech Specs, deferring commitment re NUREG-0737, Item III, D.3.4, "Control Room Habitability." per Generic Ltr B2-10.
* Connecticut Yankee Atomic Power Co. QL-82-10. 84/11/07. 1p. 27553:031. 24X Fiche: 50-213. 84/11/07. 8411190438.

8411190489 Responds to NRC 840926 ltr re updated evaluation for NUREG-0737, Item II, E.4.2(7). Update substantially changed from Oct 1981 position. Change should be communicated in generic manner & be reviewed by CROR.
HARRINGTON, W. D. Boston Edison Co. BECO 84-194. 84/11/13.
VASSALLO, D. B. Operating Reactors Branch 2. 1p. 27549:023. 24X Fiche: 50-293. 84/11/13. 8411190489.

8411200006 Responds to 841023 revised safety evaluation of NUREG-0737, Item II, E.4.2(7) re high radiation isolation of containment purge & vent valves. BWR Owners Group reviewing change in isolation signal requirement.
GUCWA, L. T. Georgia Power Co. NED-84-582. 84/11/13. STOLZ, J. F. Operating Reactors Branch 4. 1p. 27578:044. 24X Fiche: 50-321. 84/11/13. 8411200006.

8411200011 NUREG-0020 VOB N09
LICENSED OPERATING REACTORS STATUS SUMMARY REPORT, Data As of August 31, 1983. (Grey Book)
* Division of Budget & Analysis. 84/10/31. 416pp. 27587:001.

8411200024 NUREG-0989 S01
SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF RIVER BEND STATION. Docket No. 50-458. (Gulf States Utilities Company, Cajun Electric Power Cooperative)
* Division of Licensing. 84/10/31. 49pp. Available at NRC. 44. 50. 27586:250. 24X Fiche: 50-458. 84/10/31. 8411200024.

8411200075 Forwards SER (NUREG 1048) & FR notice of issuance & availability. W/o NUREG.
SCHWENCER, A. Licensing Branch 2. 84/11/08. MITTL, R. L. Public Service Electric & Gas Co. of New Jersey. 3pp. 27598:048. 24X Fiche: 50-354. 84/11/08. 8411200075.

--8411200078 Notice of issuance & availability of SER (NUREG-1048).
SCHWENCER, A. Licensing Branch 2. 84/11/08. 1p. 27598:051. 24X Fiche: 50-354. 84/11/08. 8411200075.

8411200093 Forwards description of transient response implementation plan procedure training program & Rev 0 to Administrative Procedure A-94, "Procedure for Preparation & Control..." per NRC 840921 request & Suppl 1 to NUREG-0737.
DALTROFF, S. L. Philadelphia Electric Co. 84/11/14. STOLZ, J. F. Operating Reactors Branch 4. 7pp. 27578:059. 24X Fiche: 50-277. 84/11/14. 8411200093.

8411200138 Forwards Equipment Qualification Branch request for addl info re NEDE-24988-F, "Analysis of Generic BWR Safety/Relief Valve Operability Test Results." to complete review of NUREG-0737, Item II, D.1.
SCHWENCER, A. Licensing Branch 2. 84/11/09. CAHILL, W. J. Gulf States Utilities Co. 3pp. 27598:001. 24X Fiche: 50-458. 84/11/09. 8411200138.

8411200204 Submits addl info re technical support ctr location re Suppl 1 to NUREG-0737, per WA Paulson 840911 request. Encl withheld (ref 10CFR73.21).
COUNSIL, W. G. Connecticut Yankee Atomic Power Co. A02959. 84/11/13. ZWOLINSKI, J. A. Operating Reactors Branch 5. 5pp. 27577:132. 24X Fiche: 50-213. 84/11/13. 8411200204.

8411200238 Forwards NUREG-0813, "FES re Operation of Plant," per 841029 request. Rate changes not considered in NRC review. Util would provide info on environ impact & rate changes resulting from plant. W/o encl.
HOLDNICH, J. J. Licensing Branch 1. 84/11/09. NETTLES, J. S. Affiliation Not Assigned. 1p. 27597:355. 24X Fiche: 50-483. 84/11/09. 8411200238.

8411200319 Forwards proposed Tech Specs 3.7 & 4.6 re auxiliary electrical sys & emergency power sys periodic testing, in response to 840712 request for addl info & in support of revised Amend 83, Suppl 1 to License DPR-54.
MELLOR, K. J. Sacramento Municipal Utility District. RJR 84-520. 84/11/15. RIVENBARK, G. W. Operating Reactors Branch 4. 4pp. 27576:137. 24X Fiche: 50-312. 84/11/15. 8411200319.

--8411200325 Proposed Tech Specs 3.7 & 4.6 re auxiliary electrical sys & emergency power sys periodic testing respectively.
* Sacramento Municipal Utility District. 84/11/15. 99pp. 27576:141. 24X Fiche: 50-312. 84/11/15. 8411200319.

8411200329 Provides addl info to 830909 Proposed Change 124 re App J requirement stating that recirculation sys remain in continuous operation indefinitely following LOCA & water for sealing function of pumps & valves last for 30-day min.
MEDFORD, M. D. Southern California Edison Co. 84/11/14. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 3pp. 27571:163. 24X Fiche: 50-206. 84/11/14. 8411200329.

--8411200339 Forwards risk assessment of loss of control room habitability, per SEP Topic II-1. C. Failure of control room HVAC sys coincident w/radiological event or offsite accident would create very low hazard to control room operation crew.
MEDFORD, M. D. Southern California Edison Co. 84/11/14. ZWOLINSKI, J. A. Operating Reactors Branch 5. 2pp. 27571:166. 24X Fiche: 50-206. 84/11/14. 8411200329.

--8411200342 "Control Room HVAC Sys Value Impact Assessment, SEP Topic II-1. C. 'Offsite Hazards,' NUREG-0737, Item III, D.3.4, 'Control Room Habitability.'"
* Nucon, Inc. 84/09/30. 59pp. 27571:168. 24X Fiche: 50-206. 84/11/14. 8411200329.

8411200332 Application to amend License DPR-6, changing Tech Specs to include recently modified reactor encl treated waste line isolation valve. Fee paid.
VANDEWALLE, D. J. Consumers Power Co. 84/11/14. Office of Nuclear Reactor Regulation, Director. 3pp. 27571:351. 24X Fiche: 50-155. 84/11/14. 8411200332.

NONDOCKETED ITEMS

8411200343 Forwards "Shoreham Nuclear Power Station Emergency Response Capability Program Plan (NUREG-0737, Suppl 1)." Plan addresses concerns raised in NRC 831212 ltr.
LEONARD, J.D. Long Island Lighting Co. SNRC-1103. 84/11/05.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p.
27572:001 24X Fiche: 50-322, 84/11/05, 8411200343.

--8411200344 "Shoreham Nuclear Power Station Emergency Response Capability Program Plan (NUREG-0737, Suppl 1)." * Long Island Lighting Co. 84/11/30. 127pp. 27572:002. 24X Fiche: 50-322, 84/11/05, 8411200343.

8411200345 Forwards operator training program, reflecting onshift training from straight day shift schedule to rotating shift schedule to meet guidance of NUREG-0737, Item I.A.2.1.4.
HINTZ, D.C. Wisconsin Public Service Corp. TAC 55806. 84/11/15.
EISENHUT, D.C. Division of Licensing. 3pp. 27571:227. 24X Fiche: 50-305, 84/11/15, 8411200345.

8411200363 Forwards Amends 19 & 5 to Licenses NPF-11 & NPF-18, respectively & safety evaluation. Amends revise Tech Specs to modify limits on monitors in accordance w/guidance specified in Generic Ltr 83-36. "NUREG-0737 Tech Specs."
SCHWENCER, A. Licensing Branch 2. GL-83-36. 84/11/09. FARRAR, D.L. Commonwealth Edison Co. 3pp. 27597:313. 24X Fiche: 50-373, 84/11/09, 8411200363.

--8411200368 Amends 19 & 5 to Licenses NPF-11 & NPF-18, respectively, revising Tech Specs to modify limits on monitors in accordance w/guidance specified in Generic Ltr 83-36. "NUREG-0737 Tech Specs."
SCHWENCER, A. Licensing Branch 2. NPF-18 A 005. 84/11/09. 12pp. 27597:316. 24X Fiche: 50-373, 84/11/09, 8411200363.

--8411200371 Safety evaluation supporting Amends 19 & 5 to Licenses NPF-11 & NPF-18, respectively.
* NRC - No Detailed Affiliation Given. GL-83-36. 84/11/09. 2pp. 27597:328. 24X Fiche: 50-373, 84/11/09, 8411200363.

8411200386 NUREG-1058 R01
TECHNICAL SPECIFICATIONS FOR CALLAWAY PLANT, UNIT NO. 1.
Docket No. 50-483. (Union Electric Company)
ANDERSON, F.D. Division of Licensing. 84/10/31. 49pp. Available at NRC. \$9.50. 27598:252 24X Fiche: 50-483, 84/10/31, 8411200386.

8411200447 NUREG-0748 V04 N09
OPERATING REACTORS LICENSING ACTIONS SUMMARY. Data As of September 30, 1984. (Orange Book)
* Office of Resource Management, Director. 84/11/30. 416pp. 27589:001.

8411200456 Forwards Amend 97 to License NPF-1 & safety evaluation. Amend revises Tech Specs to conform to revised 10CFR50.72 & 10CFR50.73 & adds requirement to rept challenges & failures of relief & safety valves.
TRAMMELL, C.M. Operating Reactors Branch 3. 84/10/30. WITHERS, B.D. Portland General Electric Co. 1p. 27597:159. 24X Fiche: 50-344, 84/10/30, 8411200456.

--8411200463 Safety evaluation supporting Amend 97 to License NPF-1.
* Office of Nuclear Reactor Regulation, Director. 84/10/30. 2pp. 27597:198. 24X Fiche: 50-344, 84/10/30, 8411200456.

8411200492 Forwards safety evaluation re implementation of inadequate core cooling instrumentation sys (ICCIS). Proposed final ICCIS in compliance w/requirements of NUREG-0737, Item II.F.2 & acceptable upon completion of listed items.
MILLER, J.R. Operating Reactors Branch 3. 84/11/06. STEWART, W.L. Virginia Electric & Power Co. 2pp. 27598:153. 24X Fiche: 50-338, 84/11/06, 8411200492.

--8411200503 Safety evaluation re implementation of inadequate core cooling instrumentation sys (ICCIS). Proposed final ICCIS in compliance w/requirements of NUREG-0737, Item II.F.2 & acceptable upon completion of listed items.
* NRC - No Detailed Affiliation Given. GL-82-33. 84/11/06. 6pp. 27598:155. 24X Fiche: 50-338, 84/11/06, 8411200492.

8411200507 NUREG-0876 S05
SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF BYRON STATION, UNITS 1 AND 2. Docket Nos. 50-454 And 50-455. (Commonwealth Edison Company)
* Division of Licensing. 84/10/31. 178pp. Available at NRC. \$6.00. 27588:057. 24X Fiche: 50-454, 84/10/31, 8411200507.

8411210020 Informs that installation & testing of new meteorological sys completed per 830415 ltr. Sys complies w/Reg Guide 1.23 & Suppl 1 to NUREG-0737 w/exception of accuracy limits for differential temps greater than 3.28 C per 100 meters.
PILANT, J.M. Nebraska Public Power District. NLS8400273. 84/11/15.
EISENHUT, D.C. Division of Licensing. 1p. 27591:361. 24X Fiche: 50-298, 84/11/15, 8411210020.

8411210111 Application for amend to License DPR-70, revising Tech Spec to correct typo in Table 3.3-3 re ESF actuation instrumentation. Fee paid.
LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. LCR-84-15. 84/10/15. VARGA, S.A. Operating Reactors Branch 1. 3pp. 27590:287. 24X Fiche: 50-272, 84/10/15, 8411210111.

--8411210117 Proposed Tech Spec correcting typo in Table 3.3-3 for Item B re ESF actuation instrumentation.
* Public Service Electric & Gas Co. of New Jersey. GL-82-16. 84/10/15. 2pp. 27590:290. 24X Fiche: 50-272, 84/10/15, 8411210111.

8411210112 NUREG-0831 S07
SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF GRAND GULF NUCLEAR STATION, UNITS 1 And 2. Docket Nos. 50-416 And 50-417. (Mississippi Power And Light Company)
* Division of Licensing. 84/10/31. 16pp. Available at NRC. \$3.00. 27618:114. 24X Fiche: 50-416, 84/10/31, 8411210112.

8411210118 NUREG-1087 DRFT
DRAFT ENVIRONMENTAL STATEMENT RELATED TO THE OPERATION OF VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2. Docket Nos. 50-424 And 50-425. (Georgia Power Company)
* Division of Licensing. 84/10/31. 314pp. 27618:133. 24X Fiche: 50-424, 84/10/31, 8411210118.

8411210148 NUREG-0934
TECHNICAL SPECIFICATIONS FOR GRAND GULF NUCLEAR STATION, UNIT 1. DOCKET No. 50-416. (Mississippi Power And Light Company)
* Division of Licensing. 84/10/31. 532pp. Available at NRC. \$10.00. 27619:243. 24X Fiche: 50-416, 84/10/31, 8411210148.

8411210153 NUREG-0090 V07 N02
REPORT TO CONGRESS ON ABNORMAL OCCURRENCES. April-June 1984.
* Director's Office. 84/10/31. 48pp. 27618:070.

8411210170 NUREG/CP-0056
PROCEEDINGS OF THE SECOND WORKSHOP ON CONTAINMENT INTEGRITY.
* Sandia Laboratories. FIN A-1249. SAND84-1514. 84/11/30. Division of Engineering Technology. 659pp. 27623:039.

8411210175 NUREG/CR-3853
PRELOADING OF BOLTED CONNECTIONS IN NUCLEAR REACTOR COMPONENT SUPPORTS.
YARR, G.T. Oak Ridge National Laboratory. FIN B-0474. ORNL-6093. 84/10/31. Division of Engineering Technology. 73pp. 27643:078.

8411210181 NUREG-1048
SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF HOPE CREEK GENERATING STATION. Docket No. 50-354. (Public Service Electric and Gas Company)
* Division of Licensing. 84/10/31. 704pp. Available at NRC. \$12.00. 27621:055. 24X Fiche: 50-354, 84/10/31, 8411210181.

8411210188 NUREG-0991 S03
SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF LIMERICK GENERATING STATION, UNITS 1 And 2. Docket Nos. 50-352 And 50-353. (Philadelphia Electric Company)
* Division of Licensing. 84/10/31. 156pp. Available at NRC. \$5.50. 27619:087. 24X Fiche: 50-352, 84/10/31, 8411210188.

8411210189 Forwards summary of commitments re NUREG-0737, Item III.D.3.4 re control room habitability.
HUKILL, W.D. General Public Utilities - GPU Service Corp. 5211-84-2257. 84/11/14. STOLZ, J.F. Operating Reactors Branch 4. 4pp. 27591:350. 24X Fiche: 50-289, 84/11/14, 8411210189.

8411210217 Forwards application to amend License DPR-6, requesting Tech Spec changes incorporating definition of operability consistent w/std radiological effluent Tech Specs for BWRs (NUREG-0473, Rev 3). Fee paid.
VANDEWALLE, D.J. Consumers Power Co. 84/11/14. Office of Nuclear Reactor Regulation, Director. 1p. 27591:337. 24X Fiche: 50-155, 84/11/14, 8411210217.

--8411210223 Application for amend to License DPR-6, changing Tech Specs to incorporate definition of operability consistent w/std radiological effluent Tech Specs for BWRs & incorporating limiting conditions of operation for ESF sys.
DEMITT, R.B. Consumers Power Co. 84/11/14. 3pp. 27591:338. 24X Fiche: 50-155, 84/11/14, 8411210217.

--8411210229 Proposed Tech Specs incorporating definition of operability consistent w/std radiological effluent Tech Specs for BWRs (NUREG-0473, Rev 3) & incorporating limiting conditions of operation for ESF sys.
* Consumers Power Co. 84/11/14. 9pp. 27591:341. 24X Fiche: 50-155, 84/11/14, 8411210217.

NONDOCKETED ITEMS

383

8411210272 Advises that control room habitability mods. required to meet NUREG-0737, Item III.D.3.4, approved for implementation by NRC B30411 ltr completed by 840930.
KOSBER, R.W. Rochester Gas & Electric Corp. 84/11/15. ZWOLINSKI, J. Operating Reactors Branch 5. 1p. 27591:140. 24X Fiche: 50-244, 84/11/15, 8411210272.

8411210282 Forwards "Site-Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys QA Verification." Alert & notification sys meet NUREG-0654 requirements & acceptable.
SPECK, S.W. Federal Emergency Management Agency. 84/11/07.
DIRCKS, W.J. Office of the Executive Director for Operations. 1p. 27591:045. 24X Fiche: 50-275, 84/11/07, 8411210282.

8411210290 Submits addl info & responses to environ protection comments re DES (NUREG-1064), per 841017 request. Operation of facility will not result in loss of any existing shoreline recreational opportunities to public.
COUNSIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). B11362. 84/11/13. PAC, S.J. Connecticut, State of. 2pp. 27607:361. 24X Fiche: 50-423, 84/11/13, 8411210290.

8411210379 NUREG-0857 506 SAFETY EVALUATION REPORT RELATED TO THE OPERATION OF PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 and 3. Docket Nos. 50-528, 50-529 And 50-530. (Arizona Public Service Company)
* Division of Licensing. 84/10/31. 78pp. Available at NRC. \$4.50. 27617:354. 24X Fiche: 50-528, 84/10/31, 8411210379.

8411210428 Forwards Insp Rept 50-155/84-11 on 840901-1009. No noncompliance noted.
WARNICK, R.F. Region 3, Office of Director. 84/10/31. DEWITT, R.B. Consumers Power Co. 2pp. 27607:183. 24X Fiche: 50-155, 84/10/31, 8411210428.

--8411210439 Insp Rept 50-155/84-11 on 840901-1009. No noncompliance noted. Major areas inspected: licensee actions on previous insp findings, operational safety, maint & surveillance observations, IE bulletins & operator training.
BOYD, D.C. Region 3, Office of Director. IEB-84-02. 84/10/31. 10pp. 27607:185. 24X Fiche: 50-155, 84/10/31, 8411210428.

8411210441 Forwards Amend 83 to License DPR-35 & safety evaluation. Amend changes Tech Specs to incorporate limiting conditions for operation of & calibr requirements for instrumentation.
LEECH, P.H. Operating Reactors Branch 2. 84/11/07. HARRINGTON, W.D. Boston Edison Co. 2pp. 27626:024. 24X Fiche: 50-293, 84/11/07, 8411210441.

--8411210452 Safety evaluation supporting Amend 83 to License DPR-35.
* Office of Nuclear Reactor Regulation, Director. 84/11/07. 3pp. 27626:039. 24X Fiche: 50-293, 84/11/07, 8411210441.

8411210456 Forwards Amend 66 to License DPR-63 & safety evaluation. Amend adds limiting conditions for operation & surveillance requirements for radiological effluents.
HERMANN, R.A. Operating Reactors Branch 2. 84/11/02. HOOTEN, B.G. Niagara Mohawk Power Corp. 2pp. 27625:236. 24X Fiche: 50-220, 84/11/02, 8411210456.

8411210458 Forwards Insp Rept 50-334/84-21 on 840910-14. No noncompliance noted.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/02.
CAREY, J.J. Duquesne Light Co. 2pp. 27607:097. 24X Fiche: 50-334, 84/11/02, 8411210458.

--8411210464 Insp Rept 50-334/84-21 on 840910-14. No violation noted. Major areas inspected: licensee implementation & status of listed task items in NUREG-0737, including II.B.3. "Post-Accident Sampling."
WHITE, J.R., CLEMONS, P., PADLINO, R. Region 1, Office of Director. 84/10/26. 28pp. 27607:099. 24X Fiche: 50-334, 84/11/02, 8411210458.

8411260024 Forwards Rev 3 to "Procedures Generation Package," per NUREG-0737, Suppl 1. Package revised due to problems encountered during initial verification & training.
MCOUGHY, R.W. Iowa Electric Light & Power Co. NQ-84-4654. 84/11/16. DENTON, H. Office of Nuclear Reactor Regulation, Director. 1p. 27615:178. 24X Fiche: 50-331, 84/11/16, 8411260024.

8411260067 Confirms 830810 telcon w/NRC atty J Goldberg. DOJ advises NRC employees not be made available for defense witnesses. NUREG-0986 will be provided.
CUMMINGS, J.J. Office of Inspector & Auditor. 83/08/16. WEST, J. Justice, Dept. of. 2pp. 27653:235. 24X Fiche: 50-289, 83/08/16, 8411260067.

8411260128 Forwards final draft Suppl 4 to NUREG-0680, "TMI-1 Restart." "NUREG provides results of evaluation of RHR & BETA repts.
EISENHUT, D.G. Division of Licensing. 83/08/31. MURLEY, T.E. Region 1, Office of Director. 212pp. 27652:001. 24X Fiche: 50-289, 83/08/31, 8411260128.

8411260129 NUREG/CR-3737 AN INITIAL EMPIRICAL ANALYSIS OF NUCLEAR POWER PLANT ORGANIZATION AND ITS EFFECT ON SAFETY PERFORMANCE.
OLSON, J., MCLAUGHLIN, S.D., OSBORN, R.N. Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2360. PNL-5102. 84/11/30. Division of Human Factors Safety. 100pp. Available at NRC. \$4.75. 27646:151.

8411260137 Forwards draft Suppl 4 to NUREG-0680, "TMI-1 Restart." NUREG constitutes review of RHR & BETA repts, per 830602 staff requirements memo.
THOMPSON, H.L. Division of Human Factors Safety. 83/09/26. EISENHUT, D.G. Division of Licensing. 180pp. 27652:213. 24X Fiche: 50-289, 83/09/26, 8411260137.

8411260197 Forwards safety evaluation accepting until 840928 proposed resolution of sump water chemistry issue in Section 4.21.1 of Integrated Plant Safety Assessment Rept (NUREG-0825).
ZWOLINSKI, J.A. Operating Reactors Branch 5. L505-84-11-014. 84/11/19. KAY, J.A. Yankee Atomic Electric Co. 3pp. 27616:029. 24X Fiche: 50-029, 84/11/19, 8411260197.

--8411260203 Safety evaluation accepting until 840928 proposed resolution of sump water chemistry issue in Section 4.21.1 of Integrated Plant Safety Assessment Rept (NUREG-0825).
* NRC - No Detailed Affiliation Given. 84/11/19. 2pp. 27616:032. 24X Fiche: 50-029, 84/11/19, 8411260197.

8411260218 Forwards comments of staff involved in evaluation of RHR & BETA repts on restart issues (NUREG-0680, Suppl 4). Suppl should be released to public.
MURLEY, T.E. Region 1, Office of Director. 83/09/08. EISENHUT, D.G. Division of Licensing. 6pp. 27653:169. 24X Fiche: 50-289, 83/09/08, 8411260218.

8411260297 Forwards approx schedule for submittal of Tech Spec proposals & revs for Suppl 1 to NUREG-0737 items, per 841001 request.
WESTAFER, G.R. Florida Power Corp. 3F1184-14. 84/11/20. STOLZ, J.F. Operating Reactors Branch 4. 3pp. 27612:319. 24X Fiche: 50-302, 84/11/20, 8411260297.

8411260323 Forwards Rev 7 to response to Suppl 1 to NUREG-0737. Rev consists of revised "Writers Guide for Emergency & Abnormal Procedures."
TUCKER, H.B. Duke Power Co. 84/11/12. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27608:197. 24X Fiche: 50-269, 84/11/12, 8411260323.

--8411260328 "Writers Guide for Emergency & Abnormal Procedures."
* Duke Power Co. 84/09/01. 88pp. 27608:199. 24X Fiche: 50-269, 84/11/12, 8411260323.

8411260325 Forwards response to NRC 840705 request for addl info re NUREG-0737, Item II.D.1 concerning performance testing of relief & safety valves.
ZIMMERMAN, S.R. Carolina Power & Light Co. TAC 44616. 84/11/20. VARGA, S.A. Operating Reactors Branch 1. 23pp. 27613:294. 24X Fiche: 50-261, 84/11/20, 8411260325.

8411260356 Forwards Insp Rept 50-244/84-22 on 840916-1031. No violations noted.
KISTER, H.B. Division of Project & Resident Programs. 84/11/19. KOSBER, R.W. Rochester Gas & Electric Corp. 2pp. 27611:179. 24X Fiche: 50-244, 84/11/19, 8411260356.

--8411260369 Insp Rept 50-244/84-22 on 840916-1031. No violation noted. Major areas inspected: plant activities during routine operation, licensee action on previous findings, NUREG-0737, Item III.D.3.4 & Breaker DB-25 failure.
COOK, W.A. Region 1, Office of Director. COLLINS, S.J. Division of Project & Resident Programs. 84/11/15. 12pp. 27611:181. 24X Fiche: 50-244, 84/11/19, 8411260356.

8411260373 Forwards draft Tech Specs re radiation monitoring instrumentation in response to Generic Ltr 83-37 for NUREG-0737 items, including RCS vents, post-accident sampling & control room habitability requirements.
KAY, J.A. Yankee Atomic Electric Co. QL-83-37. 84/11/19. ZWOLINSKI, J.A. Operating Reactors Branch 5. 11pp. 27611:193. 24X Fiche: 50-029, 84/11/19, 8411260373.

NONDOCKETED ITEMS

8411260385 Forwards NRC 840309 comments re detailed control room design review, per Suppl 1 to NUREG-0737 & summary of utility surveys, checklists & questions in lieu of NUREG-0700 checklists.
MCDONALD, R.P. Alabama Power Co. 84/11/20. VARGA, S.A. Office of Nuclear Reactor Regulation, Director. 19pp. 27609:350. 24X
Fiche: 50-348, 84/11/20, 8411260385.

8411260389 Submits addl info re location of technical support ctr outside plant protected area. W/ three oversize figures. Aperture cards available in PDR.
DALTROFF, S.L. Philadelphia Electric Co. 84/11/19. STOLZ, J.F. Operating Reactors Branch 4. 5pp. 27608:001. 24X
Fiche: 50-277, 84/11/19, 8411260389.

8411260458 NUREG-0837 V04 N01
NRC TLD DIRECT RADIATION MONITORING NETWORK. Progress Report January-March 1984.
COSTELLO, F., KRAMARIC, M., COHEN, L. Region 1, Office of Director. 84/10/31. 147pp. 27646:001.

8411260528 LER 84-019-00: on 841016, discovered operating post-accident sample sys, per NUREG-0737, in violation of Tech Specs. Cause unknown. Containment atmosphere post-accident sample sys operation suspended indefinitely. W/ 841115 ltr.
GARLINGTON, D.C., GRAVES, R.H. Connecticut Yankee Atomic Power Co. 84/11/15. 3pp. 27643:015. 24X Fiche: 50-213, 84/11/15, 8411260528.

8411260533 Advises of issuance of encl SSER 6 (NUREG-0797) re operation of facility. Suppl issued out of sequence. SSER 5 concerning independent assessment program being prepared & will be issued in near future. W/o encl.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/13. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27645:353. 24X Fiche: 50-445, 84/11/13, 8411260533.

8411270032 Application to amend License DPR-20, revising Tech Specs re control room ventilation sys, in response to NUREG-0737 & Generic Ltr 83-37. Fee paid.
VANDEWALLE, D.J. Consumers Power Co. GL-83-37. 84/11/19. Office of Nuclear Reactor Regulation, Director. 4pp. 27629:223. 24X
Fiche: 50-255, 84/11/19, 8411270032.

--8411270036 Proposed Tech Spec changes re control room ventilation sys, in response to NUREG-0737 & Generic Ltr 83-37.
* Consumers Power Co. GL-83-37. 84/11/19. 12pp. 27629:227. 24X Fiche: 50-255, 84/11/19, 8411270032.

8411270043 NUREG/CR-3471
PRESSURE SUPPRESSION POOL THERMAL MIXING.
COOK, D.H. Oak Ridge National Laboratory. FIN B-0452. ORNL/TM-8706. 84/10/31. Division of Accident Evaluation. 192pp. 27675:093.

8411270224 Forwards emergency operating procedures generation package, per Suppl 1 to NUREG-0737 & 830415 & 840419 commitments. Submittal considered sufficient to complete action for SER
Confirmatory Item 62 described in 840802 ltr.
COUNSIL, W.G., SEARS, C.F. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W.G. Northeast Utilities. A04258. 84/10/01. YOUNGBLOOD, B.J. Licensing Branch 1. 4pp. 27639:181. 24X Fiche: 50-423, 84/10/01, 8411270224.

8411270230 Informs that existing purge/vent related Tech Specs per TMI Item II.E.4.2 conform w/ model Tech Specs supplied as Attachment 4 of 820730 ltr. Installation of different valves does not require Tech Spec amend.
HARRINGTON, W.D. Boston Edison Co. BECO 84-197. 84/11/20. VASSALLO, D.B. Operating Reactors Branch 2. 2pp. 27635:161. 24X
Fiche: 50-293, 84/11/20, 8411270230.

8411270294 Forwards Insp Repts 50-317/84-23 & 50-318/84-23 on 840821-0925 & notice of violation.
WENZINGER, E.C. Region 1, Office of Director. 84/11/21. LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27635:142. 24X
Fiche: 50-317, 84/11/21, 8411270294.

--8411270299 Insp Repts 50-317/84-23 & 50-318/84-23 on 840821-0925. Violation noted: three temporary mechanical devices (blank fanges) installed in chemical & vol control sys not tagged, logged or approved.
FOLEY, T. Region 1, Office of Director. IES-84-02. 84/11/09. 13pp. 27635:145. 24X Fiche: 50-317, 84/11/21, 8411270294.

8411270332 Forwards positions on backfit requirements. Further clarification & justification to facilitate meaningful appeal meetings for evaluating postulated increase in plant safety requested.
HODLEVER, E.J. Duquesne Light Co. 2NRC-4-195. 84/11/20. EISENHUT, D.O. Division of Licensing. 14pp. 27630:085. 24X
Fiche: 50-412, 84/11/20, 8411270332.

--8411270336 Submits Rev 2 to NRR Ofc Ltr 2, "SRP for Review of SARs for Nuclear Power Plants," per NUREG-0800, including updated assignment list of review responsibilities for primary & secondary review branches.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 82/08/28. Office of Nuclear Reactor Regulation, Director. 4pp. 27630:099. 24X Fiche: 50-412, 84/11/20, 8411270332.

8411270338 Forwards Insp Repts 50-352/84-60 & 50-353/84-13 on 841001-31. No violations noted.
KISTER, H.B. Division of Project & Resident Programs. 84/11/20. DALTROFF, S.J. Philadelphia Electric Co. 4pp. 27629:001. 24X
Fiche: 50-352, 84/11/20, 8411270338.

--8411270369 Insp Repts 50-352/84-60 & 50-353/84-13 on 841001-31. No violations noted. Major areas inspected: followup on outstanding insp items, const deficiency repts & TMI action items & witnessing of initial fuel load activities.
CHAUDHARY, S.K., WIGGINS, J.T., BORCHARDT, R.W. Region 1, Office of Director. 50-353/84-13. 84/11/16. 21pp. 27629:005. 24X
Fiche: 50-352, 84/11/20, 8411270338.

8411270526 Forwards request for addl info re compliance w/ TMI Action Plan Item II.E.4.2 & SER (NUREG-0887) concerning containment purge & vent valve operability. Guidelines for response encl.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/14. EDELMAN, M.R. Cleveland Electric Illuminating Co. 9pp. 27671:236. 24X
Fiche: 50-440, 84/11/14, 8411270526.

8411270533 Forwards SSER 6 to (NUREG-0797) SSER available in PDR & LPR. SSER 5 still in preparation. W/o encl.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/19. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27671:229. 24X Fiche: 50-445, 84/11/19, 8411270533.

8411280121 Forwards summary rept. "Detailed Control Room Design Review, Methodology & Approach, Human Engineering Discrepancy Results," per Generic Ltr 82-33, "Suppl 1 to NUREG-0737 - Requirements for Emergency Response Capability."
BOOKER, J.E. Gulf States Utilities Co. GL-82-33. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 1p. 27662:130. 24X Fiche: 50-458, 84/10/31, 8411280121.

--8411280131 "Detailed Control Room Design Review, Methodology & Approach, Human Engineering Discrepancy Results," summary rept.
* Gulf States Utilities Co. 84/10/31. 970pp. 27662:131. 24X
Fiche: 50-458, 84/10/31, 8411280121.

8411280136 NUREG/CR-3429
BOREHOLE LOGGING FOR RADIUM-226: RECOMMENDED PROCEDURES AND EQUIPMENT.
OLSEN, K.B., THOMAS, K.W. Battelle Memorial Institute, Pacific Northwest Laboratories. FIN B-2370. PNL-5094. 84/10/31. Division of Radiation Programs & Earth Sciences (post 840429). 42pp. Available at NRC. \$3.75. 27683:226.

8411280229 NUREG/CR-3814
DETERMINATION OF DAMAGE EXPOSURE PARAMETER VALUES IN THE PSF METALLURGICAL IRRADIATION EXPERIMENT.
STALLMAN, F.W. Oak Ridge National Laboratory. FIN B-0415. ORNL/TM-9166. 84/10/31. Division of Engineering Technology. 40pp. 27681:313.

8411280241 Confirms required mod to Valve V11-2006 completed, resolving open issue identified in SSER 4 (NUREG-0798). Valve meets applicable seismic qualification criteria. Addl SGR forms for equipment installed & qualified after audit encl.
JENS, W.H. Detroit Edison Co. EF2-71997. 84/11/20. YOUNGBLOOD, B.J. Licensing Branch 1. 121pp. 27657:130. 24X Fiche: 50-341, 84/11/20, 8411280241.

8411280279 Forwards EQ&G Aug 1984 technical rept. "Control of Heavy Loads at Nuclear Power Plants, Millstone Unit 3 (Phase I)" re Section 5.1.1 of NUREG-0612 for review & response.
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/15. COUNSIL, W.G. Northeast Nuclear Energy Co. (subs. of Northeast Utilities). COUNSIL, W.G. Northeast Utilities. 4pp. 27681:273. 24X
Fiche: 50-423, 84/11/15, 8411280279.

--8410310588 "Control of Heavy Loads at Nuclear Power Plants, Millstone Unit 3 (Phase I)," technical evaluation rept.
JENSEN, S.A. EQ&G, Inc. FIN A-6457. 84/08/31. NRC - No Detailed Affiliation Given. 35pp. 27681:277. 24X
Fiche: 50-423, 84/11/15, 8411280279.

8411280409 Forwards interim evaluation rept re emergency response capability conformance w/ Reg Guide 1.97 Rev 2, prepared by EOG& Idaho. Rept addresses info provided in util 820630, 830415, 1024 & 840626 ltrs per SSER 4 (NUREG-0797).
YOUNGBLOOD, B.J. Licensing Branch 1. 84/11/15. SPENCE, M.D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 1p. 27683:341. 24X Fiche: 50-445, 84/11/15, 8411280409.

NONDOCKETED ITEMS

385

--8411280421 Forwards SSER re acceptability of ASME Code relief requests concerning preservice insp program & findings re ability to perform ultrasonic exam of cast stainless steel piping welds.
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/13. SPENCE, M. D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 3pp. 27683:342. 24X Fiche: 50-445, 84/11/15, 8411280409.

--8411280427 SSER re RCPB inservice insp & testing & evaluation of compliance w/10CFR50.55a(g).
* Materials Engineering Branch. 84/11/13. 12pp. 27683:343. 24X Fiche: 50-445, 84/11/15, 8411280409.

--8411280432 SSER re evaluation of preservice insp relief request, per applicant 821007, 830310, 0506, 1108 & 840829 ltrs. Relief should be granted.
* Materials Engineering Branch. 84/11/13. 1p. 27683:357. 24X Fiche: 50-445, 84/11/15, 8411280409.

8411280518 NUREG/CR-4028
UNIFIED THEORY FOR PREDICTING MAXIMUM FLUID PARTICLE SIZE FOR DROPS AND BUBBLES.
KOCAMUSTAGAOGLU, CHEN, I. Y., ISHII, M. Argonne National Laboratory. FIN A-2026. ANL-84-67. 84/10/31. Division of Accident Evaluation. 47pp. 27682:108.

8411280544 Forwards SSER 2 & 3 (NUREG-0991). W/o encl.
SCHWENGER, A. Licensing Branch 2. 84/11/16. SAUER, E. G. Philadelphia Electric Co. 1p. 27682:107. 24X Fiche: 50-352, 84/11/16, 8411280544.

8411280599 Advises that 840620 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/14. HARRINGTON, W. D. Boston Edison Co. 2pp. 27682:033. 24X Fiche: 50-293, 84/11/14, 8411280599.

8411280601 Advises that 840709 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/13. PARRIS, H. G. Tennessee Valley Authority. 2pp. 27682:031. 24X Fiche: 50-259, 84/11/13, 8411280601.

8411280605 Forwards SER re proposed resolution of integrated plant safety assessment rept (NUREG-0822), Section 4.25, App K on electrical instrumentation & control re reviews. Replacement of feeder breakers scheduled for first shutdown.
ZWOLINSKI, J. A. Operating Reactors Branch 5. LS05-84-11-020. 84/11/16. FIEDLER, P. B. General Public Utilities - GPU Service Corp. 2pp. 27689:131. 24X Fiche: 50-219, 84/11/16, 8411280605.

--8411280606 SER re proposed resolution of integrated plant safety assessment rept (NUREG-0822) Section 4.25, App K concerning electrical instrumentation & control re reviews. Corrective actions acceptable.
* Operating Reactors Branch 5. 84/11/16. 2pp. 27689:133. 24X Fiche: 50-219, 84/11/16, 8411280605.

8411290003 Forwards response to NRC 840914 request for addl info re SPDS SAR, Rev O to SAR, "Fort St Vrain SPDS" & revised "SPDS Program Plan."
WAREMBOURG, D. W. Public Service Co. of Colorado. P-84487. 84/11/13. JOHNSON, E. H. Region 4, Office of Director. 6pp. 27719:040. 24X Fiche: 50-267, 84/11/13, 8411290003.

8411290035 Advises that 840619 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/13. BAYNE, J. P. Power Authority of the State of New York. 2pp. 27700:303. 24X Fiche: 50-333, 84/11/13, 8411290035.

8411290040 Advises that 840717 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/14. UTLEY, E. E. Carolina Power & Light Co. 2pp. 27700:301. 24X Fiche: 50-324, 84/11/14, 8411290040.

8411290045 Advises that 840612 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/14. FARRAR, D. L. Commonwealth Edison Co. 2pp. 27700:299. 24X Fiche: 50-254, 84/11/14, 8411290045.

8411290051 Advises that 840529 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/13. PILANT, J. M. Nebraska Public Power District. 2pp. 27700:284. 24X Fiche: 50-298, 84/11/13, 8411290051.

8411290058 Advises that 840606 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/14. HOOTEN, B. G. Niagara Mohawk Power Corp. 2pp. 27700:271. 24X Fiche: 50-220, 84/11/14, 8411290058.

8411290061 NUREG/CR-3719
DETONATION CALCULATIONS USING A MODIFIED VERSION OF CSGII: EXAMPLES FOR HYDROGEN-AIR MIXTURES.
BYERS, R. K. Sandia Laboratories. FIN A-1246. SAND83-2624. 84/10/31. Division of Accident Evaluation. 53pp. 27692:269.

8411290066 Advises that 840612 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/13. MUSOLF, D. M. Northern States Power Co. 2pp. 27700:265. 24X Fiche: 50-263, 84/11/13, 8411290066.

8411290068 NUREG/CR-3920
CORCON-MOD2: A COMPUTER PROGRAM FOR ANALYSIS OF MOLTEN-CORE CONCRETE INTERACTIONS.
COLE, R. K., KELLY, D. P., ELLIS, M. P. Sandia Laboratories. FIN A-1019. SAND84-1246. 84/10/31. Division of Facility Operations. 195pp. 27690:110.

8411290102 Forwards SSERs on acceptability of ASME Code relief requests re preservice insp program. Program acceptable. Relief allowed from requirements deemed impractical to implement, per 10CFR50.55a(a)(2).
YOUNGBLOOD, B. J. Licensing Branch 1. 84/11/13. SPENCE, M. D. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). 4pp. 27692:173. 24X Fiche: 50-445, 84/11/13, 8411290102.

--8411290109 SSER re applicant request for relief from ASME Code Section XI requirements deemed impractical to perform. Relief granted, per 10CFR50.55a(a)(2). Preservice insp program acceptable.
* Materials Engineering Branch. 84/11/13. 12pp. 27692:177. 24X Fiche: 50-445, 84/11/13, 8411290102.

8411290131 NUREG/CR-3691
AN ASSESSMENT OF TERMINAL BLOCKS IN THE NUCLEAR POWER INDUSTRY.
CRAFT, C. M. Sandia Laboratories. FIN A-1327. SAND84-0422. 84/10/31. Division of Facility Operations. 139pp. 27690:307.

8411290150 NUREG/CR-3438
REPORT ON LARGE SCALE MOLTEN CORE/MAGNESIA INTERACTION TEST.
CHU, T. Y., BENTZ, J. H., ARELLANO, F. E. Sandia Laboratories. FIN A-1227. SAND83-1692. 84/10/31. Division of Accident Evaluation. 5pp. 27691:227.

8411290160 NUREG/CR-3715
DESIGN, CONSTRUCTION AND TESTING OF A 2000 C FURNACE AND FISSION PRODUCT COLLECTION SYSTEM.
OSBORNE, M. F., COLLINS, J. L., LORENZ, R. A. Oak Ridge National Laboratory. FIN B-0127. ORNL/TM-9135. 84/10/31. Division of Accident Evaluation. 58pp. 27700:314.

8411290164 NUREG-1102
TECHNICAL SPECIFICATIONS FOR DIABLO CANYON NUCLEAR POWER PLANT UNIT NO. 1. Docket No. 50-275. (Pacific Gas and Electric Company)
* Division of Licensing. 84/11/30. 446pp. Available at NRC. 59. 30. 27692:324. 24X Fiche: 50-275, 84/11/30, 8411290164.

8411290173 NUREG/CR-3481 VO1
NUCLEAR POWER PLANT PERSONNEL QUALIFICATIONS AND TRAINING: TSBOT--AN AUTOMATED TECHNIQUE TO ASSIGN TASKS TO TRAINING STRATEGIES.
JORGENSEN, C. C. Oak Ridge National Laboratory. FIN B-0466. ORNL/TM-9308/V1. 84/10/31. Division of Risk Analysis & Operations (post 840429). 128pp. 27696:165.

8411290197 Responds to FOIA request that NRC Ofc Ltr 2 dtd 811030 & Rev 1, Suppl 1 dtd 811123 be placed in PDR. Forwards App A documents. Documents also available in PDR.
FELTON, J. M. Division of Rules and Records. 84/05/09. PEDRO, J. NUS Corp. 2pp. 27698:305.

NONDOCKETED ITEMS

--8411290216 Informs that NUREG-0800, "SRP for Review of SAR for Nuclear Power Plants," distributed to contractors & consultants. Appreciation expressed for dedication to effort.
DENTON, H. R. Office of Nuclear Reactor Regulation, Director.
81/11/23. Office of Nuclear Reactor Regulation, Director. 3pp.
27698:325.

8411290206 Advises that 840611 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/13. LIU, L. Iowa Electric Light & Power Co. 2pp. 27696:109. 24X
Fiche: 50-331, 84/11/13, 8411290206.

8411290212 Advises that 840924 response to NUREG-0737, Item II.K.3.16 re actions to reduce challenges & failures of safety/relief valves acceptable. Task resolved.
VASSALLO, D. B. Operating Reactors Branch 2. 84/11/13. CAPSTICK, R. W. Vermont Yankee Nuclear Power Corp. 2pp. 27700:119. 24X
Fiche: 50-271, 84/11/13, 8411290212.

8411290576 NUREG/CR-3675
IN-CORE FUEL FREEZING AND PLUDDING EXPERIMENTS: PRELIMINARY RESULTS OF SANDIA TRAN SERIES I EXPERIMENTS.
MCARTHUR, D. A.; HAYDEN, N. K.; MAST, P. K. Sandia Laboratories. FIN
A-1016. SAND81-1726. 84/10/31. Division of Accident Evaluation.
141pp. 27691:086.

8411290586 NUREG/CR-3886
ACTIVITY AND FLUENCE CALCULATIONS FOR THE STARTUP AND TWO-YEAR IRRADIATION EXPERIMENTS PERFORMED AT THE POOLSIDE FACILITY.
MAERKER, R. E.; WORLEY, B. A. Oak Ridge National Laboratory. FIN
B-0415. ORNL/TM-4263. 84/10/31. Division of Engineering Technology. 46pp. 27700:133.

8411290643 Forwards request for addl info re TMI Action Item II.E.4.2(6) concerning containment purge & vent valve operability, as previously forwarded by D Eisenhower on 830906.
ADENSAH, E. G. Licensing Branch 4. 84/11/26. FOSTER, D. D. Georgia Power Co. 7pp. 27700:121. 24X Fiche: 50-424, 84/11/26, 8411290643.

ORG CORRESPONDENCE WITH OTHER ORGANIZATIONS

8410250031 IE Info Notice 84-77, "Incident Involving Teletherapy Unit (AECL Eldorado-78)." Svc list encl.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/10/26. Consolidated Edison Co. of New York, Inc. 84pp. 27417:075. 24X Fiche: 50-000, 84/10/26, 8410250031.

8411010044 Forwards final FEMA rept "Crystal River Nuclear Power Plant Exercise." of 840425. Util encouraged to assist in correcting all deficiencies disclosed by FEMA prior to next full scale exercise.
LEWIS, R. C. Region 2, Office of Director. 84/09/24. WILGUS, W. S. Florida Power Corp. 2pp. 27250:120. 24X Fiche: 50-302, 84/09/24, 8411010044.

8411010073 Forwards FEMA interim findings on offsite radiological emergency response preparedness for exercise conducted on 840215-16. W/o encl.
DANCE, H. C. Region 2, Office of Director. 84/09/19. TUCKER, H. B. Duke Power Co. 2pp. 27249:151. 24X Fiche: 50-413, 84/09/19, 8411010073.

8411010108 Forwards FEMA final rept re 840411 emergency preparedness exercise. Future exercise to evaluate deficient areas planned. Enforcement action in event of unsuccessful performance possible.
VERRELLI, D. M. Region 2, Office of Director. 84/10/03. RICHARD, J. B. Mississippi Power & Light Co. 2pp. 27250:006. 24X
Fiche: 50-416, 84/10/03, 8411010108.

& local offsite protection
blic alerting &

83/06/29.
perations. 1p.

ocks That May

ring
Co. of New
, 8411010388.

ill Steam

ring
ison Co. of New
11/05, 8411010487.

8411050562 Forwards request for QMB review & supporting statement re conformance w/recommendations concerning PWR steam generators.
NORRY, P. G. Office of Administration. 84/10/26. MACRAE, J. B. Office of Management & Budget. 1p. 27310:252.

8411060254 IE Info Notice 84-80, "Plant Transients Induced by Failure of Non-Nuclear Instrumentation Power." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/08. Consolidated Edison Co. of New York, Inc. 94pp. 27647:206. 24X Fiche: 50-000, 84/11/08, 8411060254.

8411060488 Testimony re admitted offsite emergency planning contentions. Prof qualifications of JR Asher, RZ Kincaid & JH Keller encl. Related correspondence.
* Federal Emergency Management Agency. #484 938. DL. 84/11/05. 109pp. 27315:063. 24X Fiche: 50-352, 84/11/05, 8411060488.

8411060598 Forwards FEMA prefilled testimony on offsite planning issues. W/o encl. Related correspondence.
HIRSCH, M. B. Federal Emergency Management Agency. #484 966. DL. 84/11/02. Docketing & Services Branch. 1p. 27326:294. 24X
Fiche: 50-352, 84/11/02, 8411060598.

8411090217 Forwards FEMA 841015 ltr & final exercise evaluations on offsite emergency preparedness exercise conducted on 840626-27 for State of MI, Counties of Monroe & Wayne & Brownstown Township. No deficiencies identified.
GREGOR, L. R. Region 3, Office of Director. 84/11/02. JENS, W. H. Detroit Edison Co. 2pp. 27398:052. 24X Fiche: 50-341, 84/11/02, 8411090217.

8411130440 Forwards FEMA 841009 evaluation of effect of deficiency in Pierce County on overall status of offsite preparedness. County can accurately monitor developments, formulate messages & notify public in event of emergency.
GREGOR, L. R. Region 3, Office of Director. 84/11/07. LARSON, C. E. Northern States Power Co. 2pp. 27439:044. 24X
Fiche: 50-282, 84/11/07, 8411130440.

8411140159 Forwards RW Krimm 840927 transmittal of FEMA rept re adequacy of offsite planning. Coordination of emergency planning efforts w/state & local authorities requested.
SCHWENCER, A. Licensing Branch 2. 84/11/02. CAHILL, W. J., BOOKER, J. E. Gulf States Utilities Co. 3pp. 27527:001. 24X
Fiche: 50-458, 84/11/02, 8411140159.

8411150041 IE Info Notice 84-81, "Inadvertent Reduction in Primary Coolant Inventory in BWRs During Shutdown & Startup." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 118pp. 27700:001. 24X Fiche: 50-000, 84/11/16, 8411150041.

8411150054 IE Info Notice 84-82, "Guidance for Posting Radiation Areas." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/19. Consolidated Edison Co. of New York, Inc. 124pp. 27689:173. 24X Fiche: 50-000, 84/11/19, 8411150054.

8411150072 Suppl 1 to IE Info Notice 84-48, "Failures of Rockwell Intl Globe Valves." Svc list encl.
JORDAN, E. L. Division of Emergency Preparedness & Engineering Response (Post 830103). 84/11/16. Consolidated Edison Co. of New York, Inc. 48pp. 27690:001. 24X Fiche: 50-000, 84/11/16, 8411150072.

8411160116 Requests comments re ORNL/NSIC draft case study rept (NUREG/CR-3551), "Safety Implications Associated W/In-Plant Pressurized Gas Storage & Distribution Sys in Nuclear Power Plants," within 30 days to finalize rept.
HELTENES, C. J. Director's Office. 84/11/09. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. MINIQUE, R. B. Office of Nuclear Regulatory Research, Director. 2pp. 27566:010.

--8411160122 Requests comments re ORNL/NSIC draft case study rept (NUREG/CR-3551), "Safety Implications Associated W/In-Plant Pressurized Gas Storage & Distribution Sys in Nuclear Power Plants," within 30 days to finalize rept.
HELTENES, C. J. Director's Office. 84/11/09. PATE, I. Institute of Nuclear Power Operations. 2pp. 27566:012.

8411200229 Forwards FEMA 840912 memo to NRC which transmits corrective action schedule & update rept on offsite emergency preparedness. Adequate level of offsite emergency preparedness exists.
KNIGHTON, C. W. Licensing Branch 3. 84/10/24. SHIFFER, J. D. Pacific Gas & Electric Co. 3pp. 27598:188. 24X Fiche: 50-275, 84/10/24, 8411200229.

NONDOCKETED ITEMS

387

8411210259 Forwards "LILCO Transition Plan for Shoreham - Rev 4" & legal concerns identified during review of Revs 3 & 4.
SPECK, S.W. Federal Emergency Management Agency. 84/11/15.
DIRCKS, W.F. Office of the Executive Director for Operations. 3pp.
27591:243. 24X Fiche: 50-322, 84/11/15, 8411210259.

--8411210263 "LILCO Transition Plan for Shoreham - Rev 4." Concerns re legal authority identified during regional assistance committee review of Revs 3 & 4 encl.
* Federal Emergency Management Agency. 84/10/12. 69pp.
27591:246. 24X Fiche: 50-322, 84/11/15, 8411210259.

8411210282 Forwards "Site-Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys GA Verification." Alert & notification sys meet NUREG-0654 requirements & acceptable.
SPECK, S.W. Federal Emergency Management Agency. 84/11/07.
DIRCKS, W.F. Office of the Executive Director for Operations. 1p.
24X Fiche: 50-275, 84/11/07, 8411210282.

--8411210288 "Site-Specific Offsite Radiological Emergency Preparedness Alert & Notification Sys GA Verification."
* International Energy Associates, Ltd. EMW-B3-C-1217. 84/10/29. 85pp. 27591:045. 24X Fiche: 50-275, 84/11/07, 8411210282.

8411260013 Forwards request for OMB review for info collection or rulemaking re 10CFR50. "Homestic Licensing of Production & Utilization Facilities" & 10CFR55. "Operator Licenses." Estimated respondent burden is 6,821 person hours.
NORRY, P.G. Office of Administration. 84/11/16. MACRAE, J.B. Office of Management & Budget. 18pp. 27647:179.

8411260092 Forwards FEMA 841115 ltr to WJ Dircks w/attached FEMA rept on Regional Assistance Committee review of Rev 4 to util transition plan. Related correspondence.
BORDENICK, B.M. Hearing Branch 3. #484 263. OL-3. 84/11/20.
LAURENSEN, J.A., SHON, F.J., KLINE, J.R. Atomic Safety and Licensing Board Panel. 82pp. 27616:044. 24X Fiche: 50-322, 84/11/20, 8411260092.

8411260379 Forwards complete FEMA final exercise evaluation of offsite emergency preparedness exercise conducted on 840801 for State of IA & Counties of Linn & Benton. Only odd numbered pages of rept forwarded U/NRC 841102 ltr.
GREGER, L.R. Region 3. Office of Director. 84/11/19. LIU, L. Iowa Electric Light & Power Co. 1p. 27612:243. 24X Fiche: 50-331, 84/11/19, 8411260379.

8411270090 Forwards FEMA rept re deficiencies in 840912 offsite emergency preparedness exercise. Continuation of emergency planning efforts to ensure resolution of deficiency matters requested.
SCARANO, R.A. Division of Radiological Safety & Safeguards Program. 84/11/23. RODRIGUEZ, R.J. Sacramento Municipal Utility District. 1p. 27629:264. 24X Fiche: 50-312, 84/11/23, 8411270090.

8411270156 Forwards request for OMB review & supporting statement re 10CFR55. "Operators Licenses" & Reg Guide 1.134, "Medical Evaluation of Nuclear Facility Personnel Requiring Operator Licenses."
NORRY, P.G. Office of Administration. 84/11/16. MACRAE, J.B. Office of Management & Budget. 1p. 27673:347.

8411270326 Responds to NRC 840920 request for assistance in responding to ASLB 840726 order asking for confirmation of eight items re offsite radiological emergency preparedness planning. Encl 841114 memo indicates that License Condition 2 open.
KRIMM, R.W. Federal Emergency Management Agency. 84/11/21.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 35pp. 27630:120. 24X Fiche: 50-482, 84/11/21, 8411270326.

8411270419 Requests assistance in planning for necessary evacuation of Buck County residents. Telecommunications interconnections & responses will be tested on 841120. List of citizen concerns encl. Served on 841126.
FONASH, C.F. Bucks County, PA. DL. 84/11/16. Federal Emergency Management Agency. PATTEN, J.L. Pennsylvania, Commonwealth of. 6pp. 27628:195. 24X Fiche: 50-352, 84/11/16, 8411270419.

8411290143 Concurs w/841102 memo re compromise between protection of INPO proprietary data & public right to know technical basis for NRC decisions. Editorial comments on proposed ltr, Commission paper & procedural memo encl.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 84/11/19. HELTEMES, C.J. Director's Office. 16pp. 27701:013.

--8411290152 Advises of plans to forward memo to EDO on 841109 re protection of NPRDS unit-specific data from unauthorized disclosure.
HELTENES, C.J. Director's Office. 84/11/02. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. DEYOUNG, R.C. Director's Office. Office of Inspection and Enforcement. MINOUE, R.B. Office of Nuclear Regulatory Research, Director. 1p. 27701:030.

8411290185 Responds to FOIA request that two categories of records re FIN A-3719 be made available at PDR. Documents identified on encl app placed in PDR. NUREG/CR-3716 already available at PDR.
FELTON, J.M. Division of Rules and Records. FIN A-3719. 84/05/24.
SHOLLY, S.C. Union of Concerned Scientists. 2pp. 27694:056.

--8411290192 Forwards std order for DOE work: "Generic Containment Analysis," per 780204 DOE/NRC MOU. Proposal containing info set forth in Encl 3 in format of statement of work should be submitted within 30 days.
MATTSON, R.J. Division of Systems Integration (post 811005). FIN A-3719. 83/01/26. OGEKA, G.J. Brookhaven National Laboratory. 6pp. 27694:098.

--8411290200 Std order for DOE work: "Generic Containment Analysis."
MATTSON, R.J. Division of Systems Integration (post 811005). * Brookhaven National Laboratory. FIN A-3719-3. 20-83-230. 83/01/26. 10pp. 27694:064.

--8411290205 Forwards std order for DOE work: "Generic Containment Analysis."
OGEKA, G.J. Energy, Dept. of. FIN A-3719. 83/02/10. DANDOIS, D.B. Division of Accounting & Finance. 1p. 27694:074.

--8411290296 Forwards executed copy of std order for DOE work: "Generic Containment Analysis."
OGEKA, G.J. Brookhaven National Laboratory. FIN A-3719. 83/04/14. DANDOIS, D.B. Division of Accounting & Finance. 1p. 27694:130.

--8411290299 Std order for DOE work: "Generic Containment Analysis."
MATTSON, R.J. Division of Systems Integration (post 811005). OGEKA, G.J. Brookhaven National Laboratory. FIN A-3719-3. 20-83-375. 83/04/15. 1p. 27694:131.

--8411290309 Forwards std order for DOE work: "Generic Containment Analysis," per DOE/NRC 780204 MOU. Proposal acceptable. Monthly business rept format in 830126 ltr required to be followed.
MATTSON, R.J. Division of Systems Integration (post 811005). FIN A-3719. 83/03/25. OGEKA, G.J. Brookhaven National Laboratory. 1p. 27694:132.

--8411290340 Forwards executed std order for DOE work Number 20-84-124.
OGEKA, G.J. Brookhaven National Laboratory. FIN A-3719. 84/01/04. DANDOIS, D.B. Division of Accounting & Finance. 1p. 27694:143.

--8411290393 Forwards std order for DOE work: "Generic Containment Analysis," per DOE/NRC 780224 MOU.
MATTSON, R.J. Division of Systems Integration (post 811005). FIN A-3719. 83/12/14. OGEKA, G.J. Brookhaven National Laboratory. 1p. 27694:148.

--8411290603 Project & budget proposal for NRC work: "Generic Containment Analysis."
KATO, W.Y., MAISE, G., KOUTS, H.J. Brookhaven National Laboratory. FIN A-3719. 83/02/25. RUTH, L., NOTAFRANCESCO Containment Systems Branch. 7pp. 27694:076.

8411290666 Forwards FEMA exercise rept for 840627 exercise of offsite radiological emergency preparedness plans for facility & FEMA 840830 transmittal ltr to NRC. Meeting will be held at Region I ofc on 841120 to discuss Category A deficiencies.
MARTIN, T.T. Division of Engineering & Technical Programs. 84/11/09. CAREY, J.J. Duquesne Light Co. 2pp. 27701:183. 24X Fiche: 50-334, 84/11/09, 8411290666.

PR PROPOSED RULE

8411010275 Comments on proposed rule 10CFR50 re replacing highly enriched U w/low enriched U in research & test reactors. Supports rule.
HARF, J.C. Southern California, Univ. of. Los Angeles, CA. 49FR27769 097. 84/10/26. Docketing & Services Branch. 5pp. 27232:132.

8411030149 Package of three comments supporting proposed rule 10CFR50 re conversion of all nuclear research reactors from highly enriched U to low enriched U.
GILLIS, K., SPINDEL, A. Associated Students of the Univ. of California. JAFFEE, P. Public Interest Research Group, Ohio. 49FR27769. 84/11/01. Docketing & Services Branch. 11pp. 27304:201.

8411050156 Comments on proposed rules 10CFR50 & 73 re access authorization program. Public hearings recommended before Commission takes action on proposed rules.
VOGLER, R.E. Pomona College, Claremont, CA. 49FR30726 008. 84/10/25. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 27301:347.

NONDOCKETED ITEMS

- 8411050237 Package of two comments supporting proposed rules 10CFR50 & 73 re employee reliability & psychological assessment & safe guarder program. BRACELAND, J.E. Associated Maintenance Contractors. BORDFSKY, G.L. Affiliation Not Assigned. 49FR30726. 84/10/31. NRC - No Detailed Affiliation Given. 25pp. 27303:173.
- 8411050247 Package of five comments opposing proposed rule 10CFR50 re limiting use of highly enriched U in domestic research & test reactors. HENDRIE, J.M. American Nuclear Society. STRAKA, M., WARNER, D.L. Missouri, Univ. of, Rolla, MO. 49FR27769. 84/10/31. Docketing & Services Branch. 14pp. 27301:301.
- 8411050290 Comments on proposed rule 10CFR50 re limiting use of highly enriched U in domestic research & test reactors. Opposes rule. MCGOVERN, J.J. Union Carbide Corp. 49FR27769 109. 84/10/26. Docketing & Services Branch. 5pp. 27301:338.
- 8411050296 Comments on proposed rule 10CFR50 re limiting use of highly enriched U in domestic research & test reactors. Opposes rule. Impact of proposed rule not properly assessed. CARTER, R.S. Commerce, Dept. of, National Bureau of Standards. 49FR27769 112. 84/10/26. Docketing & Services Branch. 3pp. 27301:343.
- 8411050312 Package of three comments supporting proposed rule 10CFR50 re conversion of research reactors using highly enriched U to low enriched U. HAFEMEISTER, D., SMITH, F., KNOX, K.K. Affiliation Not Assigned. 49FR27769. 84/11/02. Docketing & Services Branch. 10pp. 27298:220.
- 8411050318 Comments on proposed rule 10CFR50 re limiting use of highly enriched U in domestic research & test reactors. Opposes rule due to licensing problems. DIMEGLIO, A.F. Rhode Island & Providence Plantation. 49FR27769 09B. 84/10/23. Docketing & Services Branch. 6pp. 27298:213.
- 8411050327 Comments on proposed rule 10CFR50 re limiting use of highly enriched U in domestic research & test reactors. Opposes rule. Commission should develop alternatives for reducing diversion & proliferation risk. MILLER, D.W., CAREY, W.E., TALNAGI, J.W. Ohio State Univ., Columbus, OH. 49FR27769 111. 84/10/26. Docketing & Services Branch. 5pp. 27297:215.
- 8411050333 Comments on proposed rule 10CFR50 re reduced enrichment fuels in domestic research & training reactors. NRC should exempt from rule all univ reactors w/lifetime fuel supply. TRIVELPIECE, A. Energy, Dept. of. 49FR27769 110. 84/10/31. Docketing & Services Branch. 2pp. 27300:347.
- 8411050338 Comments on proposed rule 10CFR50 re limiting use of highly enriched U in domestic research & test reactors. Supports rule. HARNER, D., LEVENTHAL, P. Nuclear Control Institute. 49FR27769 104. 84/10/25. Docketing & Services Branch. 5pp. 27300:337.
- 8411050347 Comments on proposed rule 10CFR50 re conversion of domestic research reactors from weapons grade fuel. Allegations that committee will challenge all univs & research reactors due for relicensing preposterous. AFTERGOOD, S. Committee to Bridge the Gap. 49FR27769 106. 84/10/29. RICCI, E. Affiliation Not Assigned. 3pp. 27298:359.
- 8411050381 Forwards 841101 comments on proposed rule 10CFR50 to eliminate use of high enriched U in nuclear reactors. CRANSTON, A. Senate. 49FR27769 113. 84/11/01. Docketing & Services Branch. 1p. 27297:117.
- 8411050384 Comments on proposed rule 10CFR50 requiring research & test reactors to switch to low enriched U from high enriched U. Supports rule. CRANSTON, A. Senate. 49FR27769. 84/11/01. PALLADINO, N.J. Commissioners. 1p. 27297:118.
- 8411050454 Comments on proposed rules 10CFR50 & 73 re access authorization program. Screening procedures for psychological testing & prof evaluation should be included in rules. SCHWARTZ, S.G. Schwartz, S.G. MD. 49FR30726 009. 84/10/28. CHILK, S.J. Docketing & Services Branch. 1p. 27298:016.
- 8411060360 Comments on proposed rule 10CFR50 re conversion of nonpower reactors from highly enriched U to low enriched U. Supports rule. FADEN, M.E. Union of Concerned Scientists. 49FR27769 117. 84/11/02. Docketing & Services Branch. 1p. 27320:251.
- 8411060440 Forwards supplementary comments & statements from Lloyd & Fuqua subcommittees on proposed rule 10CFR50 re highly enriched U conversion. Supports rule. AFTERGOOD, S. Committee to Bridge the Gap. 49FR27769 118. 84/10/31. Docketing & Services Branch. 26pp. 27319:279.
- 8411060445 Comments on conversion of Argonaut reactor at US univ to 4.8% low enriched U fuel. Supports conversion. POLLACK, G.L. Michigan State Univ., East Lansing, MI. 49FR27769. 84/02/08. GILINSKY Commissioners. 4pp. 27319:303.
- 8411060447 Comments in favor of converting univ reactors to low enriched U. POLLACK, G.L. Michigan State Univ., East Lansing, MI. 49FR27769. 83/09/22. GILINSKY Commissioners. 44pp. 27319:309.
- 8411060494 Comments on proposed rules 10CFR50 & 73 & draft reg guide. Task 80 301-4. "Std Format & Content Guide for Access Authorization Plans for Nuclear Power Plants." Personality tests & clinical interview supported. LIDEN, E.A. Public Service Electric & Gas Co. of New Jersey. 49FR30726 010. 84/10/30. Docketing & Services Branch. 5pp. 27315:168.
- 8411070006 Comments on proposed rule 10CFR50 re limitation of highly enriched U in domestic research & test reactors. Opposes rule. HOAN, J.P. GA Technologies, Inc./General Atomic Co. 49FR27769 120. 84/11/02. Office of the Secretary of the Commission. 6pp. 27359:327.
- 8411070012 Comments on proposed rule 10CFR50 re conversion from use of highly enriched U to low enriched U for nonpower reactors. Opposes rule. WHITTEMORE, W.L. GA Technologies, Inc./General Atomic Co. 49FR27769. 84/06/19. PALLADINO, N.J. Commissioners. 7pp. 27359:333.
- 8411070021 Comments on proposed rule 10CFR50 re conversion from use of highly enriched U to low enriched U for nonpower reactors. Opposes rule. AGNEW, H.M. GA Technologies, Inc./General Atomic Co. 49FR27769. 84/06/19. ROBERTS, J.M. Commissioners. 4pp. 27359:340.
- 8411070041 Comments on proposed rules 10CFR50 & 73 re access authorization program. Supports rules. Each individual should be interviewed by clinical psychologist. MCGUIRE, F.L. California, Univ. of, Irvine, CA. 49FR30726 011. 84/10/29. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 27360:167.
- 8411070101 Forwards "Weapons-Grade U on Campus: Need to Convert Research Reactors to Lower Enrichment Fuels." & "Resolving Safeguards & Proliferation Risks Associated W/Presence of Weapons-Grade U at Research Reactors." HIRSCH, D. California, Univ. of, Santa Cruz, CA. 49FR27769 124. 84/11/01. CHILK, S.J. Office of the Secretary of the Commission. 1p. 27353:140.
- 8411070117 "Weapons-Grade U on Campus: Need to Convert Research Reactors to Lower Enrichment Fuels." HIRSCH, D. California, Univ. of, Santa Cruz, CA. 49FR27769. 84/01/27. 30pp. 27353:141.
- 8411070122 "Resolving Safeguards & Proliferation Risks Associated W/Presence of Weapons-Grade U at Research Reactors." HIRSCH, D. California, Univ. of, Santa Cruz, CA. 49FR27769. 84/11/01. 10pp. 27353:171.
- 8411070112 Comments on proposed rule 10CFR50 re limiting use of highly enriched U in domestic research & test reactors. Opposes rule. VERNETSON, W.G. Florida, Univ. of, Gainesville, FL. 49FR27769 123. 84/10/31. Docketing & Services Branch. 3pp. 27368:330.
- 8411070121 Ack receipt of ltr re use of highly enriched U fuel at univ research reactors. No significant problems exist w/conversion to low enriched U fuel, provided funds made available by DOE or another cognizant federal agency. HARTON, R. Florida, Univ. of, Gainesville, FL. 49FR27769. 83/12/19. PALLADINO, N.J. Commissioners. 1p. 27368:332.
- 8411070127 Package of two components opposing proposed rule 10CFR50 re limiting use of highly enriched U in domestic research & test reactors. KARAM, R.A. Georgia Institute of Technology, Atlanta, GA. FELTZ, D.E., ERDMAN, C. Texas A&M Univ., College Station, TX. 49FR27769. 84/11/03. Office of the Secretary of the Commission. 5pp. 27364:357.

NONDOCKETED ITEMS

389

B411070140 Forwards comments on proposed rule 10CFR50 re conversion of research & test reactors from highly enriched U to low enriched U.
ZEBROSKI, E.L. Electric Power Research Institute. 49FR27769 125.
84/11/02. Office of the Secretary of the Commission. 7pp.
27365:223.

B411070176 Comments on proposed rule 10CFR50 re conversion of research reactors from weapons grade U. Supports rule.
MCLAUGHLIN, S. Educators for Social Responsibility. 49FR27769 121.
84/10/29. Docketing & Services Branch. 2pp. 27367:189.

B411070201 Comments on proposed rule 10CFR34 re radiographic operations. Clarification needed in defining who will be responsible for evaluating radiographer/radiographer assistant performance & required qualifications.
BOLLINGER, L.J. Air Force, Dept. of. 49FR39168 001. 84/10/31.
Docketing & Services Branch. 1p. 27353:130.

B411090119 Forwards draft proposed rule 10CFR60. "Definition of High Level Radwaste." for working group use. Attendance at 840509 meeting to discuss NRC paper planned.
BELL, M.J. Division of Waste Management. 84/05/04. WHITE, I. National Council on Radiation Protection & Measurements. 1p.
27424:198.

--B411090125 Draft proposed rule 10CFR60. "Definition of High Level Radwaste." Rule would change definition to more closely follow statutory definition in Nuclear Waste Policy Act of 1982.
CHILK, S. Office of the Secretary of the Commission. 84/01/10.
47pp. 27424:199.

B411130350 Comments on proposed rules 10CFR50 & 73 re access authorization program. Better enforcement of current program, not more rules, recommended.
BLANKENSHIP, W. Magnaflex Corp. (subs. of Peabody Galian Corp.). 49FR30726 013. 84/11/05. Docketing & Services Branch. 2pp.
27439:013.

B411130382 Comments on proposed rule 10CFR50 re conversion of research reactors from highly enriched U to low enriched, nonweapons usable U fuel. Supports rule.
BARNES, M.D. House of Rep. 49FR27769 127. 84/11/02. CHILK, S.J. Office of the Secretary of the Commission. 1p. 27440:107.

--B411130520 Comments on proposed rule 10CFR50 re conversion of research reactors from highly enriched U to low enriched U fuel. Supports rule.
OTTINGER, R.L. House of Rep., Energy & Commerce. MARKEY, E.J. House of Rep., Interior & Insular Affairs. 49FR27769 130.
84/11/02. CHILK, S.J. Office of the Secretary of the Commission. 1p. 27440:108.

B411130391 Comments on proposed rule 10CFR34 re performance insp of radiographers & radiographer assistants. Opposes rule.
MODES, M.C. Universal Technical Testing Laboratories, Inc. 49FR39168 002. 84/11/05. Docketing & Services Branch. 1p. 27439:030.

B411130413 Comments on proposed rule 10CFR50 re limiting use of highly enriched U at research & test reactors. Opposes rule due to need for major redesign & testing program for conversion.
NARDI, A.J. Westinghouse Electric Corp. 49FR27769 126. 84/11/02.
Docketing & Services Branch. 2pp. 27439:036.

B411130591 Discusses proposal to require that nonpower nuclear reactors replace highly enriched U fuel w/low enriched U fuel. Shutdown of reactor would be heavy loss to teaching program & research projects.
ROBKIN, M.A. Washington, Univ. of, Seattle, WA. 84/10/25. LAHS, W.R. NRC - No Detailed Affiliation Given. 36pp. 27472:049.

B411140300 Comments on draft reg guide, Task SG 301-4, "Std Format & Content Guide for Access Authorization Plans for Nuclear Power Plants." Guide provides detailed & prescriptive method for meeting requirements.
DEVINCENTIS, J. Public Service Co. of New Hampshire. 49FR30726 087.
84/10/30. Docketing & Services Branch. 4pp. 27469:331.

B411140396 Package of two comments opposing proposed rule 10CFR50 re conversion of research & test reactors from highly enriched U to low enriched U.
MCKIBBEN, J.C., ALGER, D.M. Missouri, Univ. of, Columbia, MO. STEINBACH, S.E. American Council on Education. 49FR27769. 84/11/09.
Docketing & Services Branch. 7pp. 27467:155.

B411150032 Comments on proposed rules 10CFR50 & 73 re access authorization program. Opposes rules. Each individual should be interviewed by psychologist.
MOST, R. Consulting Psychologists Press, Inc. 49FR30726 014.
84/11/07. CHILK, S.J. Office of the Secretary of the Commission. 2pp. 27505:144.

B411150070 Comments on proposed rule 10CFR34 re industrial radiography radiation surveys & licensee performance insp program. Quarterly observation & recording of performance inappropriate.
TUCKER, H.B. Duke Power Co. 49FR39168 003. 84/11/05. Docketing & Services Branch. 2pp. 27505:152.

B411160212 Comments on proposed rules 10CFR50 & 73 re access authorization program. Supports rules. Each employee should be given psychological assessment.
MOST, N. Affiliation Not Assigned. 49 FR30726 016. 84/11/10.
CHILK, S.J. Docketing & Services Branch. 1p. 27537:330.

B411160218 Comments on proposed rules 10CFR50 & 73 re access authorization program. Personal interview should be required for all applicants.
BENKE, L. Affiliation Not Assigned. 49FR30726 017. 84/11/10.
CHILK, S.J. Office of the Secretary of the Commission. 1p. 27537:280.

B411160441 "Regulatory Analysis of Training & Qualification Rule & Operator Licensing Exam Changes," based on rept from Analysis & Technology, Inc.
* NRC - No Detailed Affiliation Given. 84/01/24. 138pp.
27548:065.

B411200087 Comments on proposed rule 10CFR34 re industrial radiography radiation surveys & licensee performance insp program. Opposes rule. Evaluating performance of radiographer & assistant at 3-month intervals too frequent.
MAGNUSSON, E.J. Morton Thiokol, Inc. 49FR39168 004. 84/11/16.
Docketing & Services Branch. 1p. 27578:055.

B411200253 Comments on proposed rule 10CFR34 re guide for preparation of application for use of sealed sources & devices for performing industrial radiography.
BOLLINGER, L.J. Air Force, Dept. of. 49FR39168 011. 84/11/14.
Docketing & Services Branch. 2pp. 27571:059.

B411200255 Comments on draft reg guide, Task SG 301-4, "Std Format & Content Guide for Access Authorization Plans for Nuclear Power Plants." Concerns re employer abuse of background investigations & psychological assessments expressed.
PILLARD, C.H. International Brotherhood of Electrical Workers. 49FR30726 088. 84/11/14. Docketing & Services Branch. 30pp.
27577:276.

B411200271 Comments on proposed rule 10CFR34 re industrial radiography radiation survey & licensee performance insp program. Supports rule.
SORENSEN, G.C. Washington Public Power Supply System. 49FR39168 006.
84/11/14. CHILK, S.J. Office of the Secretary of the Commission. 1p. 27576:347.

B411200300 Comments on proposed rules 10CFR50 & 73 re access authorization program. Each individual should be interviewed by clinical psychologist.
BROWNFAIN, J.J. Affiliation Not Assigned. 49FR30726 018. 84/11/08.
CHILK, S.J. Office of the Secretary of the Commission. 2pp. 27571:331.

B411200312 Requests extension to 60 days beyond date of final rule to comment on draft reg guide, Task SG 301-4, "Std Format & Content Guide for Access Authorization Plans for Nuclear Power Plants."
SORENSEN, G.C. Washington Public Power Supply System. 49FR30726 089.
84/11/14. CHILK, S.J. Office of the Secretary of the Commission. 1p. 27576:240.

B411200315 Comments on proposed rule 10CFR34 re industrial radiography radiation surveys & licensee performance insp program. Quarterly review of work methods of radiographers & assistants should not be required.
NEUMEYER, M. Illinois, State of, Dept. of Nuclear Safety. 49FR39168 008. 84/11/14. Docketing & Services Branch. 1p. 27571:261.

B411200321 Comments on proposed rule 10CFR34 re industrial radiography radiation surveys & licensee performance insp program. Radiographers & assistants should be observed quarterly instead of every 3 months.
ODDEN, L.J. Interstate Natural Gas Association of America. 49FR39168 005. 84/11/16. Docketing & Services Branch. 2pp. 27571:338.

B411200326 Comments on proposed rule 10CFR34 re industrial radiography radiation surveys & licensee performance insp program. Opposes rule.
FORBES, J.R. Law Engineering Testing Co. 49FR39168 007. 84/11/16.
Docketing & Services Branch. 1p. 27571:356.

NONDOCKETED ITEMS

8411200336 Comments on proposed rule 10CFR34 re industrial radiography radiation surveys & licensee performance insp program. Unless problem generic, more regulations unnecessary w/o adequate justification.
SURREATT, B. Reactor Controls, Inc. 49FR39168 009. 84/11/15.
Docketing & Services Branch. 2pp. 27571:056.

8411200359 Comments on proposed rules 10CFR50 & 73 re unescorted access authorization to commercial nuclear plants. Opposes rules. Current guidelines should not be changed. Clinical interview w/psychological testing should be maintained.
ZIMET, C.N. Colorado, Univ. of, Health Sciences Center, Denver, CO. 49FR30726 020. 84/11/14. CHILK, S.J. Office of the Secretary of the Commission. 1p. 27572:142.

8411200376 Comments on proposed rule 10CFR34 re industrial radiography radiation surveys & licensee performance insp program. Opposes rule.
BALLENGER, V.W. Air Transport Association. 49FR39168 010. 84/11/16.
Docketing & Services Branch. 1p. 27572:334.

8411210261 Comments on proposed rules 10CFR50 & 73 re access authorization program. Background screening procedures not thorough enough to screen out emotional instability. Public hearings should be held.
ALPER, T.G. Affiliation Not Assigned. 49FR30726 020. 84/11/07.
CHILK, S.J. Office of the Secretary of the Commission. 2pp. 27591:132.

8411270044 Package of three comments opposing proposed rules 10CFR50 & 73 re access authorization program & psychological assessment process.
SWARD, R.W., GRAHAM, S.R. Affiliation Not Assigned. SCHOFIELD, W. Minnesota, Univ. of, Minneapolis, MN. 49FR30726. 84/11/23.
CHILK, S.J. Office of the Secretary of the Commission. 6pp. 27629:239.

8411270048 Package of two comments opposing proposed rules 10CFR50 & 73 re access authorization program.
ROSENWALD, G.C., RUSSELL, P.R. Affiliation Not Assigned. 49FR30726. 84/11/20. CHILK, S.J. Office of the Secretary of the Commission. 4pp. 27629:258.

8411270174 Advises that comments on draft reg guide, Task SG 301-4 & value/impact statement for access authorization plans for nuclear power plants & on proposed rules 10CFR73 will be provided by 841207.
STEWART, W.L. Virginia Electric & Power Co. 49FR30735. 84/11/15.
Docketing & Services Branch. 1p. 27629:256.

8411270291 Comments on proposed rule 10CFR34 re industrial radiography radiation surveys & licensee performance insp program. Implementation of proposed amend re in-house insp would impose significant & unnecessary cost increase on program.
SCHERER, A.E. Combustion Engineering, Inc. 49FR39168 012. 84/11/19.
Office of the Secretary of the Commission. 2pp. 27635:163.

8411270307 Comments on proposed rule 10CFR50 re limiting use of highly enriched U in domestic & test reactors. NRC should not base decision on number of ltrs received.
ROMBOUGH, C.T. American Nuclear Society. 49FR27769 130. 84/11/19.
Docketing & Services Branch. 1p. 27631:165.

---8411270309 Comments on proposed rule 10CFR50 re limiting use of highly enriched U in domestic & test reactors. Opposes rule.
HENDRIE, J.M. American Nuclear Society. 49FR27769. 84/10/22.
Docketing & Services Branch. 4pp. 27631:166.

8411270401 Forwards Northwest Airlines, Inc comments on proposed rule 10CFR34 re industrial radiography surveys & licensee performance insp program. Licensee w/staff of six or less radiographers should not be required to submit insp program.
BALLENGER, V.W. Air Transport Association. 49FR39168 013. 84/11/19.
Docketing & Services Branch. 2pp. 27628:232.

8411270405 Comments on proposed rule 10CFR50 re conversion of NRC licensed nonpower reactors from highly enriched U to low enriched U fuels. Supports rule.
ALBRIGHT, D. Affiliation Not Assigned. 49FR27769 129. 84/11/17.
Docketing & Services Branch. 2pp. 27628:207.

---8411270411 Transcript of 840925 testimony before Subcommittee on Energy Development & Applications & Subcommittee on Energy Research & Production re conversion of domestic civilian research & test reactors to low enriched U fuel.
ALBRIGHT, D. Federation of American Scientists. 49FR27769. 84/10/15. 7pp. 27628:209.

---8411270415 Draft "Amount of Weapon-Grade U Needed to Construct Nuclear Explosive: Are Current Physical Protection Requirements Adequate."
ALBRIGHT, D. Federation of American Scientists. 49FR27769. 84/11/17. 7pp. 27628:216.

PRM PETITION FOR RULEMAKING

8411050281 Comments on petition for rulemaking PRM-20-15 re disposal of waste oil. Opposes rule. Petition shows reckless disregard for public safety.
SCOP, J.C. Affiliation Not Assigned. 49FR36653 002. 84/10/26.
Office of the Secretary of the Commission. 2pp. 27300:359.

8411150074 Comments on petition for rulemaking PRM-20-15 re disposal of waste oil. Supports rule. Commission should amend 10CFR20 to provide for disposal of waste oil by establishing radionuclide concentrations in waste oil.
ZIMMERMAN, S.R. Carolina Power & Light Co. 49FR36653 003. 84/11/07.
CHILK, S.J. Office of the Secretary of the Commission. 2pp. 27505:154.

8411160203 Comments on petition for rulemaking PRM-60-1 re site selection & repository licensing process. Opposes rule. Amends could seriously undermine state participation in site selection & repository licensing processes.
MATHESON, S.M. Utah, State of. 48FR48473 022. 84/11/06.
PALLADINO, N.J. Commissioners. 3pp. 27539:063.

8411270052 Comments on petition for rulemaking PRM-7-2 re public disclosure of meetings. Supports rulemaking.
PHILBROOK, A. Maine Nuclear Referendum Committee. 49FR43070 001. 84/11/21. NRC - No Detailed Affiliation Given. 2pp. 27630:075.

8411270083 Package of two comments supporting petition for rulemaking PRM-20-15 re disposal of waste oil.
KILLAR, F.M. Middle South Services, Inc. DIXON, D.W. South Carolina Electric & Gas Co. 49FR36653. 84/11/23. CHILK, S.R. Office of the Secretary of the Commission. 2pp. 27629:262.

8411270085 Package of two comments supporting petition for rulemaking PRM-20-15 re disposal of waste oil.
STAUTER, J.C. Kerr-McGee Corp. BIRCH, M.L. Duke Power Co. 49FR36653. 84/11/21. Docketing & Services Branch. 6pp. 27629:246.

8411280237 Comments on petition for rulemaking PRM-20-15 re disposal of waste oil. Amend should be resubmitted for public comment for longer period of time to allow sufficient technical evaluation.
HUFHAM, J.W. Tennessee Valley Authority. 49FR36653 011. 84/11/23.
Docketing & Services Branch. 3pp. 27669:192.

8411280243 Comments on petition for rulemaking PRM-7-2 re disclosure of meetings. Supports rule.
NEMETHY, E. Ecology/Alert. 49FR43070 002. 84/11/23. Docketing & Services Branch. 1p. 27657:251.

PROJ PROJECTS - PREDOCKET LICENSING

8411130307 Forwards detailed breakdown of neutron & gamma sources in group structure used in shielding calculation in Section 7 of TSAR, Rev 3, per recent meeting at LLL. Info can be used for reviewing procedure w/Rev 3 of CASTOR to TSAR.
RITTSCHER, D., GEISER, H. Gesellschaft fuer Nuklear Service, mbH. 24315. 84/10/17. ROBERTS, J.P. Division of Fuel Cycle & Material Safety. 7pp. 27480:070.

8411130328 Notices of 841030-31 meetings to review geohydrologic investigation of NRC disposal area at West Valley Demonstration Project. Presentation will include update of kerosene migration problem.
HANNUM, W.H. Energy, Dept. of. 24340. 84/10/19. CLARK, A.T. Advanced Fuel & Spent Fuel Licensing Branch. 3pp. 27463:292.

8411200588 Summary of 841101-02 meetings w/LLL in Livermore, CA re progress of safety review of Gesellschaft fuer Nuklear Svc. Castor Ic topical rept. Review will be completed by early Dec.
ROBERTS, J.P. Advanced Fuel & Spent Fuel Licensing Branch. 84/11/08.
ROUSE, L.C. Advanced Fuel & Spent Fuel Licensing Branch. 1p. 27598:062.

PT21 NONCOMPLIANCE REPORTS AND RELATED CORRESPONDENCE

8411010164 Part 21 & interim deficiency rept. Item 187 re calculational errors by WJ Woolley Co which could impact design & functional requirements of missile shield doors. Reportability to be determined by 841122.
PARSONS, R.M. Carolina Power & Light Co. PT21 84-488-000. 84/10/18.
O'REILLY, J.P. Region 2, Office of Director. 1p. 27249:358. 24X. Fiche: 50-400. 84/10/18. 8411010164.

NONDOCKETED ITEMS

391

8411010196 First interim deficiency rept re GH Bettis valve actuator problems. Initially reported on 840917. Caused by swelled ethylene propylene seals. Also reportable per Part 21. Next rept will be submitted by 841130.
MILLS, L.M. Tennessee Valley Authority. 84/10/17. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27249:342. 24X
Fiche: 50-390, 84/10/17, 8411010196.

8411010316 Fourth interim deficiency rept re peak containment temp. Initially reported on 831229. Preliminary test results indicate current analytical techniques used to yield plant containment temp conservative. Also reportable per Part 21.
MILLS, L.M. Tennessee Valley Authority. 84/10/17. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27249:309. 24X
Fiche: 50-390, 84/10/17, 8411010316.

8411020137 Part 21 rept re Model ITE-60 voltage balance relay outside published specs for operating time. Users will be notified of conditions.
KAISER, A.F. Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.). 84/10/29. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 5pp. 27259:241. 24X
Fiche: 50-000, 84/10/29, 8411020137.

8411030214 Interim Part 21 rept & deficiency Rept [RDC 115 (84)] re potential leakage path in electronics housing threads of Rosemount transmitters. Initially reported on 840919. Next rept will be submitted by 850127.
EDELMAN, M.R. Cleveland Electric Illuminating Co. [RDC 115 (84)]. 84/10/16. KEPLER, J.G. Region 3, Office of Director. 2pp. 27308:317. 24X
Fiche: 50-440, 84/10/16, 8411030214.

8411040175 Interim Part 21 rept re GPE Controls jacket water check valves used on four diesel generator sets. Valves upgraded to eliminate potential defect described in 840505 rept.
MORIARTY, J.M. Colt Industries, Inc. 84/10/26. KEPLER, J.G. Region 3, Office of Director. 1p. 27323:202. 24X
Fiche: 50-354, 84/10/26, 8411040175.

8411040600 Final Part 21 & deficiency rept re underrated electrical cable. Initially reported on 840720. Bechtel issued design Change Notice 37 against Drawing E-1408 providing for replacement of underrated cable.
MARTIN, T.J. Public Service Electric & Gas Co. of New Jersey. 84/09/28. MURLEY, T.E. Region 1, Office of Director. 2pp. 27350:200. 24X
Fiche: 50-354, 84/09/28, 8411040600.

8411090214 Part 21 rept re defective electrical surge on input to boards, causing short out & rendering channels useless. All surges replaced w/new boards of higher rev level that provide protection.
FABIAN, J.V. VREELAND, K. Computer Products, Inc. 84/10/23. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27398:026.

8411130314 Final Deficiency Rept [RDC 117 (84)] & Part 21 rept re TDI standby diesel generator voltage regulations. Initially reported on 840918. Engineering change notice being issued to implement recommendations in TDI Memo 366.
EDELMAN, M.R. Cleveland Electric Illuminating Co. [RDC 117 (84)]. 84/10/26. KEPLER, J.G. Region 3, Office of Director. 2pp. 27459:310. 24X
Fiche: 50-440, 84/10/26, 8411130314.

8411160086 Third interim deficiency & Part 21 rept, Item 149 re defective engine-mounted fuel oil lines on TDI emergency diesel generator sets. Initially reported on 831024. Next rept will be submitted by 850627.
PARSONS, R.M. Carolina Power & Light Co. NRC-285. 84/10/31. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27544:249. 24X
Fiche: 50-400, 84/10/31, 8411160086.

8411160131 Part 21 rept re defect in Velan swing check valves causing valve disc to improperly align w/valve seat. All four high pressure injection swing check valves will be disassembled during refueling outage & valve internals modified.
CROUSE, R.P. Toledo Edison Co. IEIN-83-06. 84/11/01. KEPLER, J.G. Region 3, Office of Director. 5pp. 27539:078. 24X
Fiche: 50-346, 84/11/01, 8411160131.

8411160180 Fourth interim deficiency & Part 21 rept re Limitorgue QA program. Initially reported on 831115. Resudit of vendor QA program conducted on 841009-13. Completion of corrective action anticipated by Jan 1985. Next rept expected by 850327.
MILLS, L.M. Tennessee Valley Authority. 84/11/01. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27545:356. 24X
Fiche: 50-000, 84/11/01, 8411160180.

8411160211 Final Deficiency Rept NRC W-195-P & Part 21 rept re failure of ERCW shaft. Initially reported on 840829. Mod of pump shaft ends planned.
MILLS, L.M. Tennessee Valley Authority. NRC W-195-P. 84/11/02. O'REILLY, J.P. Region 2, Office of Director. 6pp. 27543:178. 24X
Fiche: 50-390, 84/11/02, 8411160211.

8411160431 Part 21 & Final Deficiency Rept DER 84-50 re MSIV not closing within 5 s as required. Initially reported on 840724. Nitrogen precharge pressure temp curve revised & incorporated into Anchor/Darling instruction manual.
VAN BRUNT, E.E. Arizona Public Service Co. ANPP-30961-TDS/. 84/10/25. BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 6pp. 27545:227. 24X
Fiche: 50-528, 84/10/25, 8411160431.

8411160621 Final Deficiency & Part 21 Rept PRD-84/08 re failure of WJ Woolley Co to seismically qualify personnel air locks pneumatic supply sys. NRC should consider reevaluation of failure of potential generic effects of other plants.
DALE, L.F. Mississippi Power & Light Co. PRD-84/08. 84/10/03. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27544:359. 24X
Fiche: 50-416, 84/10/03, 8411160621.

8411160627 Part 21 & third supplemental final deficiency rept re bonnet studs improperly torqued on DHR valves. Initially reported on 811222. Work on studs for one valve will be completed by 841231.
MILLS, L.M. Tennessee Valley Authority. 84/09/25. O'REILLY, J.P. Region 2, Office of Director. 1p. 27544:358. 24X
Fiche: 50-438, 84/09/25, 8411160627.

8411190042 Part 21 & sixth interim deficiency rept, Item 41 re failure of reactor protection sys following secondary high energy line rupture. Initially reported on 800707. Westinghouse steam generator ref leg insulated. Final rept by 841130.
PARSONS, R.M. Carolina Power & Light Co. NRC-276. 84/10/01. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27568:001. 24X
Fiche: 50-400, 84/10/01, 8411190042.

8411190069 Part 21 & interim Significant Deficiency Rept SD 414/84-20 re Rotor supplied nitrile thrust base O-rings. Initially reported on 840831. All affected operators returned for changeout of O-rings. Work will be completed by 850101.
TUCKER, H.B. Duke Power Co. SD 414/84-20. 84/10/02. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27568:007. 24X
Fiche: 50-414, 84/10/02, 8411190069.

8411190146 Part 21 & third interim deficiency rept, Item 152 re failure of capstan spring tang for mechanical shock arrestors supplied by Pacific Scientific Co. Initially reported on 831108. Final rept will be submitted by 850123.
PARSONS, R.M. Carolina Power & Light Co. NRC-275. 84/09/26. O'REILLY, J.P. Region 2, Office of Director. 4pp. 27567:342. 24X
Fiche: 50-400, 84/09/26, 8411190146.

8411190158 Part 21 & third interim deficiency rept, Item 168 re Siemens-Allis, Inc supplied wiring for control circuitry 6.9 kV switchgear. Initially reported on 840326. All repair work on breakers completed. Final rept expected by 841109.
PARSONS, R.M. Carolina Power & Light Co. NRC-277. 84/10/01. O'REILLY, J.P. Region 2, Office of Director. 5pp. 27567:251. 24X
Fiche: 50-400, 84/10/01, 8411190158.

8411190524 Part 21 rept re failure of fire dampers to close under normal duct pressure. Caused by failure of test methods utilized for closure under air flow to accurately depict actual field conditions. List of affected plants encl.
HILL, T.D. Ruskin Manufacturing Co. 84/11/06. Director's Office, Office of Inspection and Enforcement. 6pp. 27549:242. 24X
Fiche: 50-000, 84/11/06, 8411190524.

8411190598 Final Deficiency Rept DER 84-37 & Part 21 rept re unqualified sealant in Waldinger Corp essential HVAC ductwork. Initially reported on 840510. All sealants removed.
VAN BRUNT, E.E. Arizona Public Service Co. DER 84-37. 84/11/02. BISHOP, T.W. Region 3, Office of Director. 6pp. 27567:182. 24X
Fiche: 50-528, 84/11/02, 8411190598.

8411200057 Final Deficiency Rept DER 84-77 & Part 21 rept re potential leakage path in seal of threads between sensor module & electronic housing in Rosemount transmitters. Defective transmitters will be returned to vendor.
VAN BRUNT, E.E. Arizona Public Service Co. DER 84-77. 84/11/02. BISHOP, T.W. Region 3, Office of Director. 13pp. 27585:120. 24X
Fiche: 50-528, 84/11/02, 8411200057.

8411200071 Interim deficiency & Part 21 rept, Item 179 re portions of nonsafety flux mapping sys falling on in-core instrumentation tubing/seal table during seismic event. Evaluation incomplete. Next rept will be submitted by 850115.
PARSONS, R.M. Carolina Power & Light Co. NRC-274. 84/09/26. O'REILLY, J.P. Region 2, Office of Director. 1p. 27585:144. 24X
Fiche: 50-400, 84/09/26, 8411200071.

8411200467 Part 21 & seventh interim deficiency rept re RCS supports & restraints & bolt torques. Initially reported on 810824. Case-by-case review of Class 1 bolting will be performed, per listed rationale. Next rept will be submitted by 850629.
MILLS, L.M. Tennessee Valley Authority. 84/10/25. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27586:229. 24X
Fiche: 50-438, 84/10/25, 8411200467.

NONDOCKETED ITEMS

8411200474 Part 21 & third interim deficiency rept re improperly qualified nozzle loads. Initially reported on 830124. Rigorous Piping Analysis Handbook revised. Next rept will be submitted by 850823.
MILLS, L. M. Tennessee Valley Authority. 84/10/24. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27586:227. 24X
Fiche: 50-438, 84/10/24, 8411200474.

8411210041 Part 21 & first interim deficiency rept, Item 188 re natural frequencies of ITT Grinnell air operated diaphragm valves. Initially reported on 840926. Investigation underway. Final rept will be submitted by 850630.
PARSONS, R. M. Carolina Power & Light Co. NRC-283. 84/10/25. O'REILLY, J. P. Region 2, Office of Director. 5pp. 27629:356. 24X
Fiche: 50-400, 84/10/25, 8411210041.

8411210085 Final deficiency & Part 21 rept re adaptor keyway on 8-inch Borg-Warner globe valves found 11/16 inch wide. Initially reported on 840131. Caused by duplication of incompatible keyway design.
MILLS, L. M. Tennessee Valley Authority. 84/10/25. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27606:114. 24X
Fiche: 50-438, 84/10/25, 8411210085.

8411210094 Part 21 & third interim deficiency rept re fuel oil line rupture in TDI generators. Initially reported on 831121. Investigation underway. Next rept expected by 851015.
MILLS, L. M. Tennessee Valley Authority. 84/10/23. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27606:116. 24X
Fiche: 50-438, 84/10/23, 8411210094.

8411210327 Final Deficiency Rept DER 84-73 & Part 21 rept re logarithmic circuit cards in ex-core sys. Initially reported on 840925. Deficient test cards replaced for Channels A, B & C through final disposition of SFR 1SE191/NRC SM-4859.
VAN BRUNT, E. E. Arizona Public Service Co. ANPP-31054-TDS/. 84/11/05. BISHOP, T. W. Region 5, Office of Director. 5pp. 27617:098. 24X
Fiche: 50-528, 84/11/05, 8411210327.

8411260398 Updated Part 21 rept re missile door calculation errors. Initially reported on 840705. Calculations & designs reconciled w/respective customers. Doors qualified as meeting original project design requirements.
GODFREY, D. A. W. J. Woolley Co. 84/11/16. KEPPLER, J. G. Region 3, Office of Director. 1p. 27610:104. 24X
Fiche: 50-000, 84/11/16, 8411260398.

8411260400 Part 21 rept re HEXCEL/MCI pipe restraints found w/average dynamic crush strength values below acceptable values. Initially reported on 841101. Replacement program in progress.
PRESTON, R. S. Hexcel Corp. 84/11/08. MARTIN, J. B. Region 5, Office of Director. 3pp. 27611:235. 24X
Fiche: 50-000, 84/11/08, 8411260400.

8411280059 Part 21 & Final Deficiency Rept (D/NW53) re Rockbestos cable insulation damage. Initially reported on 841012. Four installed cables having reworked areas will be identified & either removed or abandoned.
KOHLE, A. D. Washington Public Power Supply System. (D/NW53). 84/11/13. KIRSCH, D. F. Region 5, Office of Director. 3pp. 27684:329. 24X
Fiche: 50-508, 84/11/13, 8411280059.

8411290111 Interim deficiency & Part 21 rept re low voltage cut off setting on GE supplied Topaz inverters. Initially reported on 841009. Engineering dept reviewing Bechtel analysis & proposed corrective action. Final rept expected by 841214.
MARTIN, T. J. Public Service Electric & Gas Co. of New Jersey. 84/11/08. MURLEY, T. E. Region 1, Office of Director. 2pp. 27721:118. 24X
Fiche: 50-354, 84/11/08, 8411290111.

8411290328 Part 21 & sixth interim deficiency rept re deformation of auxiliary feedwater header & damage to header supports of B&W steam generators. Initially reported on 820830. Next rept will be submitted by 850325.
HUFHAM, J. W. Tennessee Valley Authority. 84/11/08. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27721:298. 24X
Fiche: 50-438, 84/11/08, 8411290328.

8411290401 Final deficiency rept, Item 168 & Part 21 rept re Siemens-Allis switchgear breakers remaining energized, preventing breaker closing. Initially reported on 840326 & 0420. Green indicator lights required to negative side of trip coil.
PARSONS, R. M. Carolina Power & Light Co. NRC-289. 84/11/08. O'REILLY, J. P. Region 2, Office of Director. 5pp. 27721:148. 24X
Fiche: 50-400, 84/11/08, 8411290401.

8411290574 Final Part 21 & deficiency rept, Item 168 re control circuitry wiring for Siemens-Allis, Inc. 6.9 kV switchgear breakers allowing trip coil to remain energized after trip of breaker. Breakers required & tested.
PARSONS, R. M. Carolina Power & Light Co. NRC-289. 84/11/08. O'REILLY, J. P. Region 2, Office of Director. 4pp. 27722:089. 24X
Fiche: 50-400, 84/11/08, 8411290574.

8411290625 Deficiency & Part 21 rept re TDI diesel generator problems. Extension requested until 850126 to provide final response to PRDs 84-14, 84-17 & 84-03 due to magnitude of TDI Diesel Generator Owners Group recommendations.
DALE, L. F. Mississippi Power & Light Co. AECM-84/2-0020. 84/11/07. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27722:138. 24X
Fiche: 50-417, 84/11/07, 8411290625.

8411290629 First interim deficiency & Part 21 rept re defective wiring connections in Auma motor operators. Initially reported on 841112. Deficiency under investigation. Next rept will be submitted by 850308.
HUFHAM, J. W. Tennessee Valley Authority. 84/11/07. O'REILLY, J. P. Region 2, Office of Director. 2pp. 27722:178. 24X
Fiche: 50-438, 84/11/07, 8411290629.

GA999 QUALITY ASSURANCE INSPECTIONS

8411010023 Forwards GA Program Insp Rept 999/00877/84-01 on 840828-31 & notice of violation.
ZECH, G. G. Vendor Program Branch. 84/10/01. NORBERG, R. Chicago Fluid Power Co. 2pp. 27249:123.

--8411010025 Notice of violation from insp on 840828-31.
* Vendor Program Branch. 84/10/01. 1p. 27249:125.

--8411010030 GA Program Insp Rept 99900877/84-01 on 840828-31. Violations noted: 1974 Energy Reorganization Act not posted & appropriate procedures to provide evaluation of defects & informing licensee or purchaser not available.
OLLER, R. E., MERSCHOFF, E. W. Vendor Program Branch. 84/09/24. 9pp. 27249:126.

8411020317 Forwards listing of all vendor insps conducted or planned during Aug, Sept & Oct 1984. Summaries will be issued monthly beginning in Nov 1984.
ZECH, G. G. Vendor Program Branch. 84/10/25. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. 4pp. 27252:210.

8411050303 Suggests onsite review to achieve satisfactory resolution of Item A re processing of valve stems & non-ASME Section III GA program.
COVEY, J. M. Atwood & Morrill Co., Inc. (subs. of Foster Wheeler Corp.). 84/10/29. ZECH, G. G. Vendor Program Branch. 1p. 27301:346.

8411050348 Ack receipt of 840307, 0808 & 1004 ltrs informing NRC of steps taken to correct violation & nonconformance noted in GA Program Insp Repts 99900334/83-02 & 99900334/83-03.
ZECH, G. G. Vendor Program Branch. 84/11/01. MATHEWS, C. S. Transamerica Delaval, Inc. 1p. 27301:315.

8411060314 Responds to NRC 841031 ltr re violations noted in GA Program Insp Rept 99900877/84-01. Corrective actions: copy of Section 206 of Energy Reorganization Act posted & procedure for defect evaluation & notification developed.
NORBERG, R. Chicago Fluid Power Co. 84/10/24. ZECH, G. G. Vendor Program Branch. 1p. 27352:325.

8411070043 Concurs w/841104 memo to G Zech re vendor insp of Richmond Engineering Co. per AMFAC Pipe & Supply Co Part 21 repts. Item to be entered in vendor insp tracking sys.
MERSCHOFF, E. Vendor Program Branch. 84/11/06. HENDERSON, J. Engineering & Generic Communications Branch. 1p. 27360:165.

8411070129 Corrects 841005 address change for engineering group.
SWANSON, N. E. Acme-Cleveland Co. 84/10/30. POTAPOVS, U. Vendor Program Branch. 1p. 27364:362.

8411080102 Responds to NRC 840918 ltr re noncompliance noted in GA Program Insp Rept 99900509/84-02. Corrective actions: users manual revised to add specific requirements for use of input loads taken from NUPIE on 840808.
KELLY, R. B. Stone & Webster Engineering Corp. 84/10/29. ZECH, G. G. Division of GA, Safeguards & Inspection Programs (Post 830103). 6pp. 27393:014.

8411080386 Ack receipt of 840113, 0412, 0816 & 1002 ltrs in response to NRC 831216, 840302 & 0910 ltrs re organization & availability of files per GA Program Insp Rept 99900283/83-02. Files for cable customers to be reviewed during future insp.
ZECH, G. G. Vendor Program Branch. 84/11/05. MANCHESTER, E. BIW Cable Systems, Inc. 1p. 27392:169.

8411090110 Ack receipt of 841016 request for extension until 841101 to respond to NRC 840918 ltr. Extension acceptable per 841016 discussion w/Costello.
ZECH, G. G. Vendor Program Branch. 84/11/07. EIFERT, W. M. Stone & Webster Engineering Corp. 1p. 27398:296.

NONDOCKETED ITEMS

393

- 841120119 Confirms GA program insp at San Francisco, CA ofc on 841210-14, per 841024 telcon.
ZECH, G. G. Vendor Program Branch. 84/11/08. DIDONATO, P. CYGNA Energy Services. 1p. 27429:216.
- 8411130714 Forwards GA Program Insp Rept 99900400/84-03 on 840806-10 & notice of nonconformance.
ZECH, G. G. Vendor Program Branch. 84/10/21. GUILBERT, D. E. Babcock & Wilcox Co. 2pp. 27461:222.
- 8411130718 Notice of nonconformance from insp on 840806-10.
* Vendor Program Branch. 84/10/21. 4pp. 27461:224.
- 8411130723 GA Program Insp Rept 99900400/84-03 on 840806-10. Noncompliance noted; analysis not performed for potential safety concerns re Model 177 fuel assembly operating plants. SEARS, P. M., COSTELLO, J. R. Vendor Program Branch. 84/09/06. 20pp. 27461:228.
- 8411150039 Notifies that purchase of four BE 415 sway struts mfg by Natl Valve & Mfg Co & shipped on 800707 may be defective. Names of customers supplied w/BE 415 sway struts as nuclear safety-related components requested.
ZECH, G. G. Vendor Program Branch. 84/11/08. BARNES, R. P. Southwest Fabricating & Welding Co. (subs. of IU International Corp.). 1p. 27503:007.
- 8411150043 Ack receipt of 840612, 0914 & 1029 ltrs informing NRC of steps taken to resolve Nonconformance A noted in GA Program Insp Rept 99900049/84-01. Resolution unattainable through written correspondence. Onsite visit to be arranged.
ZECH, G. G. Vendor Program Branch. 84/11/08. COVEY, J. Atwood & Morrill Co., Inc. (subs. of Foster Wheeler Corp.). 1p. 27503:008.
- 8411150051 Ack receipt of 840921 ltr informing NRC of steps taken to correct violation & nonconformances noted in GA Program Insp Rept 99900866/84-01. Addl info requested re interpretations of 10CFR21.
ZECH, G. G. Vendor Program Branch. 84/11/08. CAMP, B. H. Hub, Inc. 3pp. 27503:062.
- 8411160299 Advises that addl info requested in NRC 841004 ltr re GA Program Insp Rept 99900033/83-01 provided in 840905 response.
RUPPEL, H. D. Westinghouse Electric Corp. 84/11/09. ZECH, G. G. Vendor Program Branch. 1p. 27541:199.
- 8411160304 Advises that addl info needed re 840110 & 0210 responses to violation & nonconformance cited in GA Program Insp Rept 99900033/83-01. List of domestic sites which received Models 93 & 93A reactor coolant pumps requested.
POTAPQVS, U. Vendor Program Branch. 84/05/30. RUPPEL, H. D. Westinghouse Electric Corp. 2pp. 27541:207.
- 8411190145 Confirms GA program insp at Lynchburg, VA plant on 841126-30, per 841114 telcon.
ZECH, G. G. Vendor Program Branch. 84/11/16. IHDE, R. H. Babcock & Wilcox Co. 1p. 27554:337.
- 8411190385 Ack receipt of 841029 ltr informing NRC of steps taken to correct nonconformance noted in GA Program Insp Rept 99900509/84-02. Responses to Noncompliances A & B will be further inspected.
ZECH, G. G. Vendor Program Branch. 84/11/16. KELLY, R. B. Stone & Webster Engineering Corp. 1p. 27551:152.
- 8411190389 Confirms GA program insp at Los Angeles Power Div on 841210-13, per 841114 telcon.
ZECH, G. G. Vendor Program Branch. 84/11/16. HINKLEMAN, L. G. Bechtel Corp. 1p. 27551:153.
- 8411190395 Confirms GA program insp at Boston, MA plant on 841126-30, per 841105 telcon.
ZECH, G. G. Vendor Program Branch. 84/11/15. KELLEY, R. B. Stone & Webster Engineering Corp. 1p. 27551:159.
- 8411210212 Ack receipt of 840913 ltr informing NRC of steps taken to correct nonconformance noted in GA Program Insp Rept 99900861/84-01. Addl corrective action necessary in listed areas.
ZECH, G. G. Vendor Program Branch. 84/11/19. BENNETT, W. DuBose Steel, Inc. 2pp. 27591:014.
- 8411210224 Confirms GA program insp at San Antonio, TX plant on 841210-13, per 841115 telcon.
ZECH, G. G. Vendor Program Branch. 84/11/20. LAUTZENHEISER Southwest Research Institute. 1p. 27591:329.
- 8411210237 Informs that any nonconforming condition reported to author by customer or vendor forwarded to GA for review & disposition. Conditions involved transposed numbers, typos or similar problems.
DAILEY, J. DuBose Steel, Inc. EWS-358. 84/09/24. ZECH, G. G. Vendor Program Branch. 1p. 27591:028.
- 8411210271 States that author functioned as nuclear sales representative since Aug 1981. Any nonconformances reported resulted from typos or incorrect markings on matls. Authorization to remark sales dept matls approved by GA.
HOTTEL, J. DuBose Steel, Inc. 84/09/24. ZECH, G. G. Vendor Program Branch. 1p. 27591:139.
- 8411210278 States that author functioned as nuclear sales representative since June 1982. Any repts of nonconforming conditions passed on to GA for review. Conditions limited to typos. Author corrective action reviewed & approved by GA.
JONES, A. DuBose Steel, Inc. 84/09/21. ZECH, G. G. Vendor Program Branch. 1p. 27591:149.
- 8411210306 Ack receipt of 841124 ltr informing NRC of steps taken to correct nonconformance noted in GA Program Insp Rept 99900877/84-01.
ZECH, G. G. Vendor Program Branch. 84/11/20. NORBERG, R. Chicago Fluid Power Co. 1p. 27591:323.
- 8411210311 Confirms GA program insp at Columbia, SC plant on 841203-07, per 841114 telcon.
ZECH, G. G. Vendor Program Branch. 84/11/20. SLEMBER, R. Westinghouse Electric Corp. 1p. 27591:151.
- 8411210314 Notifies that no nonconformances from customers & vendors handled by nuclear sales dept until permission granted & nonconformance verified against error to ensure corrective action had been taken.
SESSOMS, B. DuBose Steel, Inc. EWS-358. 84/09/24. ZECH, G. G. Vendor Program Branch. 1p. 27591:181.
- 8411260242 Requests that quality of Bahnson HVAC equipment be reviewed during insps of Shoreham, Wolf Creek, Callaway, WPPSS 1 & 4 & Palo Verde to close issue re potentially deficient Bahnson equipment.
GRACE, J. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 84/11/19. MURLEY, T. E. Region 1, Office of Director. 3pp. 27615:311. 24X Fiche: 50-000, 84/11/19, 8411260242.
- 8411270409 Confirms GA program insp at plant on 841126-30, per 841119 telcon.
ZECH, G. G. Vendor Program Branch. 84/11/23. LAWLESS, J. Hexcel Corp. 1p. 27628:203.
- 8411280198 Ack receipt of 840509 & 0829 ltrs informing NRC of steps taken to correct nonconformance noted in GA Program Insp Rept 99900317/84-01. Addl info on listed items required within 30 days.
ZECH, G. G. Vendor Program Branch. 84/11/27. STOLBA, F. B. Cooper Energy Services. 2pp. 27658:062.
- 8411280317 Forwards GA Program Insp Rept 99900840/84-01 for util review. Util requested to maintain records of evaluation for future review by NRC inspector.
DENISE, R. P. Region 4, Office of Director. 84/11/26. KOESTER, G. L. Kansas Gas & Electric Co. 1p. 27661:024. 24X Fiche: 50-482, 84/11/26, 8411280317.
- 8411290268 Confirms rescheduled GA program insp at Peru, IN plant on 841210, per 841126 telcon.
ZECH, G. G. Vendor Program Branch. 84/11/28. BRUNNER, R. H. Square D Co., Electromagnetic Industries. 1p. 27678:208.
- 8411290339 Confirms GA program insp at Orville, OH plant on 841128, per 841120 telcon.
ZECH, G. G. Vendor Program Branch. 84/11/28. FERRINGER, M. Contours, Inc. 1p. 27676:059.
- 8411290655 Forwards GA Program Insp Rept 99900052/84-01 on 840911-14. No noncompliance noted.
ZECH, G. G. Vendor Program Branch. 84/10/23. GREENE, J. J. Crosby Valve & Gage Co. 2pp. 27722:165.
- 8411290658 GA Program Insp Rept 99900052/84-01 on 840911-0914. No noncompliance noted. Major areas inspected: implementation of ASME valve GA program in areas of previous insp findings, internal audits, nonconformances & corrective action.
OLLER, R. E. Division of GA, Safeguards & Inspection Programs (Post 830103). MERSCHOFF, E. W. Vendor Program Branch. 84/10/11. 11pp. 27722:167.

NONDOCKETED ITEMS

REG00 REGULATORY GUIDES

8411030596 Ack receipt of Bernstein 840703 response to Region IV comments & recommendations following 1983 review of radiation control program. Discussion listed to provide clarification of matters raised in ltr. Reg guide encl. MARTIN, R. D. Region 4, Office of Director. 84/10/19. LACKER, D. K. Texas, State of. 2pp. 27281:288.

--8012170049 Reg Guide 3.11.1, Revision 1, "Operational Insp & Surveillance of Embankment Retention Sys for U Mill Tailings." * Office of Standards Development, Director. 80/10/31. 8pp. 27281:290.

8411060111 Provides results of review & evaluation of Rev 3 to Reg Guide 1.97, "Instrumentation for Light Water Cooled Nuclear Power Plants to Assess Plant & Environ Conditions During & Following Accident." Qualification summary encl. MURPHY, W. P. Vermont Yankee Nuclear Power Corp. FVY 84-127. 84/10/30. VASSALLO, D. B. Operating Reactors Branch 2. 38pp. 27321:324. 24X Fiche: 50-271, 84/10/30, 8411060111.

8411060134 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability." Existing plant reliability program meets intent of Reg Guide 1.108 & recommendations of NUREG/CR-0660. DALTROFF, S. L. Philadelphia Electric Co. GL-84-15. 84/11/01. EISENHUT, D. G. Division of Licensing. 17pp. 27322:249. 24X Fiche: 50-277, 84/11/01, 8411060134.

8411060494 Comments on proposed rules 10CFR50 & 73 & draft reg guide, Task SQ 301-4, "Std Format & Content Guide for Access Authorization Plans for Nuclear Power Plants." Personality tests & clinical interview supported. LIDEN, E. A. Public Service Electric & Gas Co. of New Jersey. 49FR30726 010. 84/10/30. Docketing & Services Branch. 5pp. 27315:168.

8411080098 Comments on draft reg guide, Task OP-032-5, "Test & Calibr of Radiation Protection Instrumentation." Opposes proposed daily constancy checks for survey meters. JONES, K. M. St. John Medical Center, Tulsa, OK. 84/10/25. Docketing & Services Branch. 2pp. 27392:282.

8411090329 Forwards util commitments to Reg Guide 1.97, Generic Ltr 82-33 re description of acceptable method to provide instrumentation to monitor plant variables & safety parameter display sys during & following accidents. HARRINGTON, W. D. Boston Edison Co. GL-82-33. 84/11/01. VASSALLO, D. B. Operating Reactors Branch 2. 2pp. 27399:086. 24X Fiche: 50-293, 84/11/01, 8411090329.

--8411090331 "Reg Guide 1.97 Compliance Evaluation for Pilgrim Nuclear Power Station I." JEFFRIES, J. A. Boston Edison Co. 84/11/01. 100pp. 27399:088. 24X Fiche: 50-293, 84/11/01, 8411090329.

8411140243 Comments on draft reg guide, Task OP 032-5, "Test & Calibr of Radiation Protection Instrumentation." Supports guide. Guide should encourage nonradiation calibr to max extent practicable. SLABACK, L. A. Commerce, Dept. of. National Bureau of Standards. 84/11/06. Office of the Secretary of the Commission. 1p. 27469:323.

8411140300 Comments on draft reg guide, Task SQ 301-4, "Std Format & Content Guide for Access Authorization Plans for Nuclear Power Plants." Guide provides detailed & prescriptive method for meeting requirements. DEVINCENTIS, J. Public Service Co. of New Hampshire. 49FR30726 087. 84/10/30. Docketing & Services Branch. 4pp. 27469:331.

8411160281 Submits clarification & exception to 830706 position on Rev 2 to Reg Guide 1.97 re control room indication. f respective variables by plant computer

Louisiana Power & Light Co. W3PB4-3029. 84/11/06. Licensing Branch 3. 4pp. 27537:275. 24X 84/11/06, 8411160281.

Forwards marked-up Draft 2, Rev 1 to Reg Guide 1.82, Task 'Bump Design & Water Sources for Emergency Core' CRS concurrence in technical aspects of reg guide

Division of Engineering Technology. 84/11/01. ACRS - Advisory Committee on Reactor Safeguards. 30pp.

8411200052 Comments on draft reg guide, Task OP 032-5, re test & calibr of radiation protection instrumentation. Opposes reg guide. More frequent equipment shipped for calibr, greater likelihood of equipment damage. CATCHPOLE, G. J. Ogle Petroleum, Inc. 84/11/13. Docketing & Services Branch. 1p. 27579:016.

8411200255 Comments on draft reg guide, Task SQ 301-4, "Std Format & Content Guide for Access Authorization Plans for Nuclear Power Plants." Concerns re employer abuse of background investigations & psychological assessments expressed. PILLARD, C. H. International Brotherhood of Electrical Workers. 49FR30726 088. 84/11/14. Docketing & Services Branch. 30pp. 27577:276.

8411200312 Requests extension to 60 days beyond date of final rule to comment on draft reg guide, Task SQ 301-4, "Std Format & Content Guide for Access Authorization Plans for Nuclear Power Plants." SORESEN, C. C. Washington Public Power Supply System. 49FR30726 089. 84/11/14. CHILK Office of the Secretary of the Commission. 1p. 27576:240.

8411210020 Informs that installation & testing of new meteorological sys completed per 830415 ltr. Sys complies w/Reg Guide 1.23 & Suppl 1 to NUREG-0737 w/exception of accuracy limits for differential temps greater than 5.28 C per 100 meters. PILANT, J. M. Nebraska Public Power District. NLSB400273. 84/11/15. EISENHUT, D. G. Division of Licensing. 1p. 27591:361. 24X Fiche: 50-298, 84/11/15, 8411210020.

8411260357 Submits clarification of deviation from Rev 2 to Reg Guide 1.97 re post-accident instrumentation. Commitment to install equipment consistent w/reg guide or justification to maintain present equipment will be provided. COK, K. W. Louisiana Power & Light Co. W3PB4-3246. 84/11/21. KNIGHTON, G. W. Licensing Branch 3. 2pp. 27609:178. 24X Fiche: 50-382, 84/11/21, 8411260357.

8411270156 Forwards request for OMB review & supporting statement re 10CFR55, "Operators Licenses" & Reg Guide 1.134, "Medical Evaluation of Nuclear Facility Personnel Requiring Operator Licenses." NORRY, P. G. Office of Administration. 84/11/16. MACRAE, J. B. Office of Management & Budget. 1p. 27673:347.

8411270169 Comments on draft reg guide, Task OP 032-5, "Testing & Calibr of Radiation Protection Instrumentation." More lenient schedule for source checking recommended. ZIBUNG, B. R. Affiliation Not Assigned. 84/11/15. Docketing & Services Branch. 2pp. 27629:254.

8411270174 Advises that comments on draft reg guide, Task SQ 301-4 & value/impact statement for access authorization plans for nuclear power plants & on proposed rules 10CFR73 will be provided by 841207. STEWART, W. L. Virginia Electric & Power Co. 49FR30738. 84/11/15. Docketing & Services Branch. 1p. 27629:256.

8411280184 Forwards Nov 1984 memo to R Fraley & proposed Rev 1 to Reg Guide 1.82, Draft 2 dtd Sept 1984. Guide will be discussed at ACRS Subcommittee on Regulatory Activities meeting in Nov 1984. W/o encl. ARLOTTO, G. A. Division of Engineering Technology. 84/11/01. PADMANABHAN, M. Alden Research Laboratory. 1p. 27683:296.

8411280219 Comments on draft Rev 1 to Reg Guide 10.9, Task FC 402-4, "Guide for Preparation of Applications for Licenses for Use of Self-Contained Dry Source Storage Irradiators." Many provisions overkill given safe nature of irradiators. BENEDETTO, A. R. Affiliation Not Assigned. 84/11/15. Office of the Secretary of the Commission. 3pp. 27669:195.

8411280232 Comments on draft reg guide, Task OP 032-5, "Test & Calibr of Radiation Protection Instrumentation." ANSI N323-1978 inappropriate as ref. NEUME, M. Conference of Radiation Control Program Directors, Inc. 84/11/21. Docketing & Services Branch. 15pp. 27657:115.

8411280437 Forwards interim rept, "Conformance to Reg Guide 1.97, Clinton Power Station Unit 1," based on review of util 830909 submittal. Response to unjustified exceptions identified in rept requested within 45 days of ltr receipt. SCHWENGER, A. Licensing Branch 2. 84/11/14. SPANGENBERG, F. Illinois Power Co. 3pp. 27682:312. 24X Fiche: 50-461, 84/11/14, 8411280437.

--8411030022 "Conformance to Reg Guide 1.97, Clinton Power Station Unit 1," interim rept. VANDERBEEK, R. EG&G, Inc. FIN A-6493. 84/10/31. NRC - No Detailed Affiliation Given. 18pp. 27682:315. 24X Fiche: 50-461, 84/11/14, 8411280437.

RES RESEARCH AND TECHNICAL ASSISTANCE REPORTS

841120375 Quarterly Rept 1984 for Contract NRC-04-81-195-02 re geological interpretation of gravity & magnetic data of St Louis Arm of New Madrid Rift Complex.
BRAILE, L.W., HINZE, W.J., Purdue Univ., West Lafayette, IN.
KELLER, G.R., Texas Univ. of El Paso, TX. NRC-04-81-195-02.
84/10/15. Office of Nuclear Regulatory Research, Director. 20pp.
27438:325.

8411280550 "LWR Pressure Vessel Surveillance Dosimetry Program," bimonthly status ltr rept for June-Jul & Aug-Sept 1984.
PRESTON, C.C., MCELROY, W.H., Westinghouse Electric Corp. 84/10/01.
SERPAN, C.Z., Materials Engineering Branch. 10pp. 27682:097.

REVIEW GRP NRC RESEARCH REVIEW GROUPS

8404130388 Notices of CRGR Meeting 61 on 840404 to discuss proposed IE bulletin, "Undervoltage Trip Attachments of Reactor Trip Breakers" & presentation on proposed NRR resolution of Unresolved Safety Issue A-44.
STELLO, V. Committee to Review Generic Requirements. 84/03/30.
MATTSON, R.J. Office of Nuclear Reactor Regulation, Director. 1p.
27248:001.

--8404110110 Requests CRGR review of proposed IE bulletin re undervoltage trip attachments of reactor trip breakers. CRGR meeting suggested during wk of 840326. Outlines estimated total cost associated w/response to bulletin. Draft encl.
DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 84/03/19. STELLO, V. Regional Operations & Generic Requirements. 12pp. 27248:002.

--8404110117 Forwards comments on draft IE bulletin re undervoltage trip attachments for GE Type AK-2-25 reactor trip breakers. Comments encl.
O'REILLY, J.P. Region 2, Office of Director. 84/01/18.
JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 2pp. 27248:015.

--8404110121 Comments on draft IE bulletin re undervoltage trip attachments of reactor trip breakers. Comments based on field experience at Maine Yankee, Calvert Cliffs & Millstone 2. Marked-up draft IE bulletin encl.
GREENMAN, E.G. Division of Project & Resident Programs. 84/01/16.
ROSSI, C.E. Division of Emergency Preparedness & Engineering Response (Post 830103). 6pp. 27248:017.

--8402030178 Comments on draft proposed bulletin re undervoltage trip attachment of reactor trip breakers. Considerable variation exists in method of measurement of response time.
IPPOLITO, T.A. Director's Office. 84/01/13. JORDAN, E.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 2pp. 27248:023.

--8404110125 Comments on draft IE bulletin re undervoltage trip attachments of reactor trip breakers. Response time should be tested in situ on breakers not recently cycled. Significant Operating Experience Rept of B31010 addresses subj.
ROSEN, S.L. Institute of Nuclear Power Operations. E-56-01184.
84/01/20. ROSSI, C. Division of Emergency Preparedness & Engineering Response (Post 830103). 1p. 27248:025.

--8404110127 Forwards B&W Owners Group comments on draft IE bulletin. First response time tests should be conducted within 30 days of receipt of bulletin.
ENOS, J.T. Babcock & Wilcox Operating Plants Owners Group. ICANO18407. 84/01/19. ROSSI, C.E. Division of Emergency Preparedness & Engineering Response (Post 830103). 3pp. 27248:026.

--8411010496 Provides Westinghouse Owners Group views on proposed IE bulletin re undervoltage trip attachments response time testing transmitted by NRC 840112 ltr. Westinghouse Owners Group taken aggressive steps to address concerns.
SHEPPARD, J.J. Carolina Power & Light Co. 06-112. 84/01/19.
ROSSI, C.E. Events Analysis Branch. 4pp. 27248:034.

--8404110136 Comments on draft IE bulletin re undervoltage trip attachments of reactor trip breakers. Need to send bulletin to all plants should be reevaluated. Util responses to Generic Ltr 83-28 may be sufficient for plants w/o history.
WILLIAMS, J.W. Atomic Industrial Forum. GL-83-28. 84/02/14.
ROSSI, C. Division of Emergency Preparedness & Engineering Response (Post 830103). 2pp. 27248:038.

--8411010500 Summary of CRGR Meeting 61 on 840404 re proposed IE bulletin intended to suppl reactor trip sys functional testing requirements.
STELLO, V. Committee to Review Generic Requirements. GL-83-28.
84/04/16. DIRCKS, W.J. Office of the Executive Director for Operations. 24pp. 27248:040.

8408070081 Notification of CRGR Meeting 68 on 840808 in Bethesda, MD to review revised version of proposed rule amends re decommissioning criteria for facilities.
STELLO, V. Committee to Review Generic Requirements. 84/07/26.
EISENHUT, D. Division of Licensing. 2pp. 25955:257.

--8411050202 Forwards rule package incorporating revs to proposed amend on decommissioning criteria for nuclear facilities, in response to recommendations at 62nd CRGR meeting. Draft Commission paper & FR notice encl.
MINDQUE, R.B. Office of Nuclear Regulatory Research, Director. 84/07/18. STELLO, V. Committee to Review Generic Requirements. 131pp. 27351:048.

--8411050218 Forwards response to recommendations made at 62nd CRGR meeting re decommissioning alternatives, prescriptive requirements, certification of decommissioning funds, facilitation of decommissioning & financial assurance.
MINDQUE, R.B. Office of Nuclear Regulatory Research, Director. 84/06/12. STELLO, V. Committee to Review Generic Requirements. 16pp. 27351:179.

--8411050226 "Impact of NRC Estimates of Decommissioning Costs on Ratepayers & Regulatory Process."
SIEGEL, J.J. Pennsylvania Univ. of, Philadelphia, PA. SIEGEL, J.J. Engineering & Economics Research, Inc. 84/05/14. 13pp. 27351:195.

--8411050233 Forwards "Impact of NRC Estimates of Decommissioning Costs on Ratepayers & Regulatory Process," per request at 840611 Commission briefing.
DIRCKS, W.J. Office of the Executive Director for Operations. 84/06/18. PALLADIO, GILINSKY, ROBERTS Commissioners. 1p. 27351:210.

8411010390 Forwards draft Commission paper on final addition of 10CFR53, "Criteria & Procedures for Determining Adequacy of Spent Fuel Storage Capacity." Exemption from CRGR review requested. No significant changes from proposed rule stage.
MINDQUE, R.B. Office of Nuclear Regulatory Research, Director. 84/08/01. STELLO, V. Committee to Review Generic Requirements. 100pp. 27245:188.

841150085 Forwards summary of CRGR activities for Oct 1984. Summary will be included in EDO weekly rept to Commission for wk ending 841109.
SNIEZEK, J. Regional Operations & Generic Requirements. 84/11/13. Committee to Review Generic Requirements. 3pp. 27503:331.

841190571 Notification of CRGR Meeting 71 on 841203 to discuss encl proposed requirements resulting from resolution of Unresolved Safety Item A-46, "Seismic Qualification of Equipment in Operating Plants." W/o encl.
STELLO, V. Regional Operations & Generic Requirements. 84/11/16.
BERNERO, R. Office of Nuclear Reactor Regulation, Director.
JORDAN, E.L. Director's Office, Office of Inspection and Enforcement.
CUNNINGHAM, R.E. Office of Nuclear Material Safety & Safeguards, Director. 2pp. 27549:249.

8411200062 Forwards CASE comments on util 841008 program plan to respond to technical review team 840918 rept.
NOONAN, V.S. Comanche Peak Technical Review Team. 84/11/09.
CASE, E., TANG, R.C., WESSMAN, R. NRC - No Detailed Affiliation Given. 20pp. 27988:305. 24X Fiche: 50-445. 84/11/09. 8411200062.

8411210119 Forwards responses to 840824 request, including "Steam Explosion in Connection w/LWR Severe Core Damage Accidents" & "Natural Circulation Phenomena & Primary Sys Failure in Station Blackout Accidents."
GINSBERG, T., ALLEN, C.L. Steam Explosion Review Group. 84/11/14. Steam Explosion Review Group. 3pp. 27626:076.

--8411210122 Responds to 840824 ltr re containment failure probability by in-vessel steam explosion. Results of addl calculations may be available at Harpers Ferry meeting.
SQUARER, D. Westinghouse Electric Corp. 84/11/05. ROSS, D.F. Office of Nuclear Regulatory Research, Director. 41pp. 27626:079.

--8411210128 Speech entitled, "Steam Explosion in Connection w/LWR Severe Core Damage Accidents," presented at 841127-28 Harpers Ferry meeting on steam explosions. Related info encl.
* Fauske & Associates, Inc. 84/11/27. 49pp. 27626:120.

NONDOCKETED ITEMS

--8411210131 Draft "Review of Steam Explosion Issue," responses to Questions 1 & 2 of D. Ross 840824 ltr. Related info encl. GINSBERG, T. Brookhaven National Laboratory. 84/11/30. 88pp. 27626:169.

--8411210145 "Natural Circulation Phenomena & Primary Sys Failure in Station Blackout Accidents," presented at 841107-09 Sixth Info Exchange Meeting on Debris Coolability. NOURBAKHSH, H. P., LEE, C. H., THEOFANOUS, T. G. Affiliation Not Assigned. 84/11/07. 10pp. 27626:257.

SECY POSITION PAPERS BEFORE THE COMMISSION

8409200472 SECY-84-355

Requests Commission approve publication of final policy statement on engineering expertise on shift. DIRCKS, W. J. Office of the Executive Director for Operations. 84/09/10. 53pp. 27583:231.

8409207038 SECY-84-364

Recommends Commission approval for publication of final rule amending 10CFR110 re export & import of nuclear equipment & matl. DIRCKS, W. J. Office of the Executive Director for Operations. 84/09/14. 108pp. 27560:118.

8411030331 SECY-84-0768

Provides Commission w/alternatives to training rule in "Alternative to Proposed Rulemaking for Training & Qualifications of Civilian Power Plant Personnel." Changes to SECY-84-076A supporting documentation recommended. DIRCKS, W. J. Office of the Executive Director for Operations. 84/09/06. 14pp. 27289:314.

8411260123 SECY-83-385

Recommends Commission adopt encl memorandum & order re subpoenas in Hartman investigation. PLAINE, H. H. Office of the General Counsel. 83/09/20. 34pp. 27653:336. 24X Fiche: 50-289, 83/09/20, 8411260123.

8411290245 Responds to FOIA request for SECY-84-86 to be placed in PDR.

Document available in PDR. FELTON, J. M. Division of Rules and Records. 84/05/23. BUCKLES, R. NUS Corp. 1p. 27698:110.

--8411290249 SECY-84-086

Informs Commission that DOE is submitting to Congress update to 1983 program mgt plan for conduct of R&D & demonstration program for improving safety of nuclear power plants. DIRCKS, W. J. Office of the Executive Director for Operations. 84/02/21. 65pp. 27698:111.

STATE PROG STATE PROGRAMS

8411030596 Ack receipt of Bernstein 840703 response to Region IV

comments & recommendations following 1983 review of radiation control program. Discussion listed to provide clarification of matters raised in ltr. Reg guide encl. MARTIN, R. D. Region 4, Office of Director. 84/10/19. LACKER, D. K. Texas, State of. 2pp. 27281:288.

--8012170049 Reg Guide 3.11.1, Revision 1, "Operational Insp & Surveillance of Embankment Retention Sys for U Mill Tailings."

* Office of Standards Development, Director. 80/10/31. 8pp. 27281:290.

8411070055 Submits change of address for State of SC Joint Legislative

Committee on Energy. MARTIN, R. W. South Carolina, State of. 84/10/30. NRC - No Detailed Affiliation Given. 2pp. 27368:173.

8411080307 "Browns Ferry Nuclear Plant Radiological Emergency

Preparedness Exercise." * Tennessee Valley Authority. 84/10/24. 180pp. 27391:075. 24X Fiche: 50-259, 84/10/24, 8411080307.

8411080315 "Watts Bar Nuclear Plant Radiological Emergency Exercise

Scenario." * Tennessee Valley Authority. * Tennessee, State of. 84/09/30. 318pp. 27390:096. 24X Fiche: 50-390, 84/09/30, 8411080315.

8411080479 Advises that vicinity property at CVWRFB treatment plant

site needs to be remediated during const season. Necessary items to be changed in radiological & engineering assessment will be submitted for review & concurrence. DAY, M. S. Utah, State of. 84/10/03. MARTIN, D. NRC - No Detailed Affiliation Given. 1p. 27416:053.

8411080563 Forwards State of WA, Dept of Social & Health Svcs 841011 interim approval of NUPAC high integrity container Model FL50, for disposal of addl 32 containers of low level waste under specified conditions. NUSSBAUMER, D. A. Assistant Director for State Agreements Programs. SA/KNS. 84/10/24. HIGGINBOTHAM, L. Low Level Waste Licensing Branch. BARRETT, L. Engineering Branch (Post 831001). 3pp. 27407:089.

8411080576 Comments on draft generic technical position on licensing assessment methodology for high level waste geologic repositories. Issues re NRC interaction w/states & tribes in licensing process & impact of EPA stds unclear. LOUX, R. R. Nevada, State of. 392. 84/10/10. BROWNING, R. E. Division of Waste Management. 4pp. 27407:054.

8411080581 Suggests economic unfeasibility of any effort to remediate contaminated groundwater beneath Salt Lake City U Mill tailings site. Contamination has insufficient magnitude to warrant expensive pumping & treatment procedures. ALKEMA, K. L. Utah, State of. 84/10/11. MARTIN, D. NRC - No Detailed Affiliation Given. 1p. 27407:042.

8411080637 Forwards State of WA, Nuclear Waste Board comments in response to draft DOE commingling rept. STEVENS, D. W. Washington, State of. 998. 84/10/10. RUSSELL, C. NRC - No Detailed Affiliation Given. 1p. 27406:245.

--8411080641 "Comments on DOE Defense Waste Commingling Study (DOE/DP-0020)." * Washington, State of. 84/09/24. 17pp. 27406:246.

8411080646 Advises that screening & candidate site selection for high level nuclear waste repositories flawed & will lead to unsafe recommendations. Abandonment of current site selection guidelines recommended. WHITE, M. Texas, State of. 721. 84/10/09. HODEL, D. P. Energy, Dept. of. 3pp. 27406:223.

8411090002 Discusses M Day of State of UT 841003 ltr re intent of State to proceed w/major vicinity property remedial action prior to receiving NRC concurrence. NRC concurrence in remedial action required in advance. MARTIN, D. E. NRC - No Detailed Affiliation Given. 84/10/12. HIGGINBOTHAM, L. NRC - No Detailed Affiliation Given. 1p. 27419:360.

8411090085 Testimony of State of UT re DOE implementation of Nuclear Waste Policy Act of 1982. MATHESON, S. Utah, State of. 724. 84/10/08. 180pp. 27418:124.

8411090178 Agenda for 841019 meeting w/State of WA Nuclear Waste Board in Lacey, WA, to discuss C&C agreement, Environ Monitoring Committee & Defense Waste Group repts, technical program rept & repository siting schedule. * Washington, State of. 1002. 84/10/19. Washington, State of. 23pp. 27424:155.

8411090441 Summarizes 841012 Congressional hearing in Salt Lake City, UT re DOE investigation of two possible sites for first US geologic repository for high level waste. Witness list encl. SANBORN, C. Region 4, Office of Director. 84/10/18. MARTIN, R. D. Region 4, Office of Director. 5pp. 27422:351.

8411200073 Notification of contract execution. Mod 4, to "Environ Monitoring Program W/State of MS." Contractor: State of MS. SILVIS, R. M. Division of Contracts. FIN B-1257. NRC-05-80-289. 84/11/01. DEYOUNG, R. C. Director's Office, Office of Inspection and Enforcement. COHEN, L. NRC - No Detailed Affiliation Given. 1p. 27457:211.

--841120081 Mod 4, deobligating balance of funds to "Environ Monitoring Program W/State of MS." COBB, A. B. Mississippi, State of. THOMPSON, R. D. Division of Contracts. FIN B-1257. NRC-05-80-289. 84/11/01. 1p. 27457:212.

841120453 PNO: IV: 84-012A: Louisiana Nuclear Energy Div completed investigations of incidents involving radiographer overexposures at Gamma Industries, Hitco & Qumesby & Kritikos Co. No abnormalities or somatic effects identified. HEYER, R. S. Region 4, Office of Director. 84/10/26. 1p. 27458:034.

841140277 Offers no comment per 10CFR50.91(b)(3) re util 840229 & 0822 requests to amend License DPR-49 to correct typos, clarify text & update refs. HOUVENAGLE, T. Iowa, State of. 84/11/08. VASSALLO, D. B. Operating Reactors Branch 2. 1p. 27469:324. 24X Fiche: 50-331, 84/11/08, 841140277.

NONDOCKETED ITEMS

397

8411140452 Ack receipt of 841009 response to comments on State of MS radiation control program. Comments & responses will be incorporated into final rept of review.
WOODRUFF, R.L. Region 2, Office of Director. 84/10/29. FUENTE, E.S. Mississippi, State of. 1p. 27494:079.

8411160203 Comments on petition for rulemaking PRM-60-1 re site selection & repository licensing process. Opposes rule. Amends could seriously undermine state participation in site selection & repository licensing processes.
MATHESON, S.M. Utah, State of. 48FR48473 022. 84/11/06.
PALLADINO, N.J. Commissioners. 3pp. 27539:063.

8411190575 Provides comments re tailings seepage control plan for confirmation. Plan for controlling north contaminant plume deficient. Additions & nods to entire contaminant control scheme may be necessary. Listed documents requested.
PUCEL, P. Wyoming, State of. 01469. 84/09/26. KONWINSKI, G. Uranium Recovery Field Office. 1p. 27583:331.

8411200313 Ack receipt of 840731 response to recommendations & comments following 1984 review of radiation control program. Issue re concerns over radiation exposures to public in Uravan, CO & other regulatory matters discussed. Responses requested.
MARTIN, R.D. Region 4, Office of Director. 84/11/14. VERNON, T.M. Colorado, State of. 3pp. 27571:320.

8411210011 Emergency plan Pages 38 & 39 to Annex B of Annex II (State of GA), omitted from original issue.
* Alabama Power Co. 84/11/16. 3pp. 27590:105. 24X
Fiche: 50-348, 84/11/16, 8411210011.

8411210479 Lists customers in non-Agreement States receiving radioactive matl shipments during Third Quarter 1983.
LYON, L. Measurex Corp. 83/10/18. Region 4, Office of Director. 6pp. 27607:065.

8411280011 Forwards Change 4 to Annex B of "State of GA Radiological Emergency Plan, Alabama Power Co. Farley Plant" & Rev 9 to emergency plan.
HUDSPETH, J.B. Alabama Power Co. 84/11/16. MCKNIGHT, J. Record Services Branch (Document Control Desk). 2pp. 27669:267. 24X
Fiche: 50-348, 84/11/16, 8411280011.

--8411280018 Change 4 to Annex B of "State of GA Radiological Emergency Plan, Alabama Power Co. Farley Plant."
* Alabama Power Co. 84/11/16. 122pp. 27669:269. 24X
Fiche: 50-348, 84/11/16, 8411280011.

8411280168 Forwards Jul 1984 fixed nuclear facility offsite emergency response plan, compiled & approved by State of AZ & County of Maricopa.
VAN BRUNT, E.E. Arizona Public Service Co. ANPP-31215-EEVB. 84/11/26. KNIGHTON, G.W. Licensing Branch 3. 2pp. 27665:026. 24X
Fiche: 50-528, 84/11/26, 8411280168.

--8411280174 "Fixed Nuclear Facility Offsite Emergency Response Plan for Maricopa County & State of AZ."
* Arizona, State of. 84/07/31. 320pp. 27665:028. 24X
Fiche: 50-528, 84/11/26, 8411280168.

8411280389 Notification of contract execution. Mod 3, to "Environ Monitoring Program W/State of OH." Contractor: State of OH.
SILVIS, R.M. Division of Contracts. FIN B-1243. NRC-05-80-256. 84/11/13. DEYOUNG, R. Director's Office, Office of Inspection and Enforcement. COHEN, L. NRC - No Detailed Affiliation Given. 1p. 27682:057.

--8411280391 Mod 3, deobligating contract balance, to "Environ Monitoring Program W/State of OH."
JACKSON, D.L. Ohio, State of. THOMPSON, R.D. Division of Contracts. FIN B-1234. NRC-05-80-256. 84/11/13. 1p. 27682:058.

8411290073 Discusses until 840831 amend request on proposed Tech Spec change re preparation of detailed written procedures on shift overtime for operations personnel. No comment offered.
HOUVENAGLE, T. Iowa, State of. 84/11/16. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27721:129. 24X Fiche: 50-331, 84/11/16. 8411290073.

8411290637 Forwards info on upcoming NRC/DOE meetings on high level waste program in response to 841026 ltr. State representatives & other interested parties invited to attend.
BROWNING, R.E. Division of Waste Management. 418. 84/11/01.
LOUX, R.R. Nevada, State of. 2pp. 27699:358.

8411290639 Forwards info on upcoming NRC/DOE meeting on high level waste licensing process, per 841029 request. State representatives & interested parties invited to attend. Briefing packages will be distributed at meeting.
BROWNING, R.E. Division of Waste Management. 1033. 84/11/01.
STEVENS, D.W. Washington, State of. 2pp. 27699:356.

8411290656 Forwards State of SC comments on several topical repts re high integrity containers.
NUSSBAUMER, D.A. Assistant Director for State Agreements Programs. 84/10/24. HIGGINBOTHAM, L. Low Level Waste Licensing Branch. 1p. 27699:345.

--8411290660 Discusses outstanding items concerning high integrity containers (HIC) & NRC topical rept reviews. Ltr dtd 840927 sent to HIC vendors re installation of vents in containers due to gas generation of unknown origin encl.
SHEALY, H.G. South Carolina, State of. 84/09/28. NUSSBAUMER, D.A. Assistant Director for State Agreements Programs. 4pp. 27699:346.

--8411290662 Submits comments in response to NRC 840815 ltr re Nuclear Packaging, Inc. FL 50 Ferralium 225 high integrity container.
AUTRY, V.R. South Carolina, State of. 84/09/17. NUSSBAUMER, D.A. Assistant Director for State Agreements Programs. 2pp. 27699:350.

TOPREP VENDOR REPORTS AND RELATED CORRESPONDENCE

8409280486 Final Deficiency Rept DER 83-57 re cracks in C-E supplied control element assembly shroud. Mods made to control element assembly guide & shroud lateral supports.
VAN BRUNT, E.E. Arizona Public Service Co. DER 83-57. 84/09/14.
BISHOP, T.W. Division of Resident Reactor Project & Engineering Programs. 12pp. 27400:352. 24X Fiche: 50-528, 84/09/14, 8409280486.

8411010239 Forwards nonproprietary WCAP-10640 & proprietary WCAP-10639, "Technical Bases For Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Prairie Island Unit 1." Proprietary rept withheld (ref 10CFR2.790).
MUSOLF, D. Northern States Power Co. 84-84-04. 84/10/24. Office of Nuclear Reactor Regulation, Director. 2pp. 27232:014. 24X
Fiche: 50-282, 84/10/24, 8411010239.

--8411010245 WCAP-10640
"Technical Bases for Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Prairie Island Unit 1."
SWAMY, S.A., LEE, Y.S., HOLMES, R.A. Westinghouse Electric Corp. 84/09/30. 48pp. 27232:016. 24X Fiche: 50-282, 84/10/24, 8411010239.

--8411010251 Requests proprietary WCAP-10639, "Technical Bases for Eliminating Large Primary Loop Pipe Rupture as Structural Design Basis for Prairie Island Unit 1." be withheld per 10CFR2.790. Affidavit encl.
WIEBEMANN, R.A. Westinghouse Electric Corp. CAW-84-86. 84/09/18.
DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 6pp. 27232:063. 24X Fiche: 50-282, 84/10/24, 8411010239.

8411010242 VEP-NOS-12
Surry Unit 1. "Cycle 7 Core Performance Rept." W/841025 ltr.
BROOKHIRE, T.A., SNOW, C.T., STEWART, W.L. Virginia Electric & Power Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. VARGA, S.A. Operating Reactors Branch 1. 54pp. 27230:183. 24X Fiche: 50-280, 84/10/31, 8411010242.

8411010435 Forwards "Comments re B&W Owners Group Inservice Test Code Verification Plans," discussing addl actions & info required re 840706 submittal. Schedule for taking suggested actions requested within 60 days.
LEINAS, G.C. Assistant Director for Operating Reactors. 84/10/19.
MILLER, F. Babcock & Wilcox Operating Plants Owners Group. MILLER, F. Toledo Edison Co. 5pp. 27251:277.

8411050182 Advises that info presented at 840725 meeting re crack indications in Inconel 182 weld butter will be withheld (ref 10CFR2.790), per 840730 application & affidavit.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/19.
ROMESBERG, E.J. General Electric Co. 3pp. 27325:210.

8411050187 Advises that info submitted at 840605 meeting re crack indications in Inconel 182 weld butter will be withheld (ref 10CFR2.790), per 840912 application & affidavit.
VASSALLO, D.B. Operating Reactors Branch 2. 84/10/19.
KLAPPROTH, J.F. General Electric Co. 6pp. 27310:341.

8411050199 Forwards core damage assessment methodology, based on Westinghouse generic core damage assessment methodology approved on 840410. Methods to estimate core damage in accordance w/NUREG-0737 Item 11.8.3.
O'TOOLE, J.D. Consolidated Edison Co. of New York, Inc. 84/10/29.
VARGA, S.A. Operating Reactors Branch 1. 1p. 27303:001. 24X
Fiche: 50-247, 84/10/29, 8411050199.

NONDOCKETED ITEMS

- 8411050205 Rev 1 to "Westinghouse Owners Group Post-Accident Core Damage Assessment Methodology."
* Westinghouse Operating Plants Owners Group. 84/03/31. 94pp. 27303:050. 24X Fiche:50-247,84/10/29,8411050199.
- 8411050348 Ack receipt of 840307.0808 & 1004 ltrs informing NRC of steps taken to correct violation & nonconformance noted in GA Program Insp Repts 99900334/83-02 & 99900334/83-03. ZECH, O. G. Vendor Program Branch. 84/11/01. MATHEWS, C. S. Transamerica Delaval, Inc. 1p. 27301:315.
- 8411050408 Forwards WCAP-10300, "Analysis of Capsule Y From PASNY Indian Point Unit 3 Reactor Vessel Radiation Surveillance Program," for review. Fee paid. BAYNE, J. P. Power Authority of the State of New York. IPN-84-46. 84/10/26. VARGA, S. A. Operating Reactors Branch 1. 1p. 27300:238. 24X Fiche:50-286,84/10/26,8411050408.
- 8411050409 WCAP-10300
"Analysis of Capsule Y From PASNY Indian Point Unit 3 Reactor Vessel Radiation Surveillance Program."
YANICHKO, S. E., ANDERSON, S. L. Westinghouse Electric Corp. 83/03/31. 76pp. 27300:239. 24X Fiche:50-286,84/10/26,8411050408.
- 8411060578 Proposed findings of fact re emergency diesel generator crankshaft. Certificate of Svc encl. FARLEY, E. M. Hunton & Williams. #484 955. DL. 84/11/05. 45pp. 27326:196. 24X Fiche:50-322,84/11/05,8411060578.
- 8411070148 Forwards Rev 4 to "B&W ECCS Evaluation Model." Updated version designated as Rev 5 to be submitted by end of yr. TAYLOR, J. H. Babcock & Wilcox Co. ESC-699. 84/10/26. THOMAS, C. O. Standardization & Special Projects Branch. 1p. 27365:331.
- 8411070151 BAW-10104A R04
Rev 4 to "B&W ECCS Evaluation Model."
DUNN, B. M., JONES, R. C., CARTIN, L. R. Babcock & Wilcox Co. 84/10/31. 267pp. 27365:332.
- 8411070152 Forwards Revs 10A & 6A to WCAP-8370 & 7800, respectively, entitled "Water Reactor Div GA Plan."
RAHE, E. P. Westinghouse Electric Corp. NS-NRC-84-2967. 84/09/27. GRACE, N. N. Division of GA, Safeguards & Inspection Programs (Post 830103). 1p. 27355:028.
- 8411070154 WCAP-8370 R10A
"Water Reactor Div GA Plan."
HAMMOND, C. M., MOORE, J. S. Westinghouse Electric Corp. WCAP 7800. 84/09/30. 52pp. 27355:029.
- 8411080195 Forwards reactor water level instrumentation response evaluation. Michelson-type scenario will not result in significant problem. Michelson concern should no longer be considered as generic issue. HELWIG, D. R. BWR Owners Group. BWR00-8447. 84/11/01. HODGES, W. Reactor Systems Branch. 13pp. 27392:235.
- 8411080204 Forwards "Leak Before Break Evaluation of Margins Against Full Break for RCS Primary Piping of B&W Designed Nuclear Steam Sys."
WALTERS, J. F. Babcock & Wilcox Operating Plants Owners Group. ESC-744. 84/11/06. KADAMBI, N. P. NRC - No Detailed Affiliation Given. 1p. 27394:038.
- 8411080210 BAW-1847
"Leak Before Break Evaluation of Margins Against Full Break for RCS Primary Piping of B&W Designed Nuclear Steam Sys."
* Babcock & Wilcox Co. 77-1153295-00. 84/09/30. 93pp. 27394:039.
- 8411080235 Submits response to NRC 841010 request for addl info re crankshaft forging. Crankshaft forging spec. figures of failed crankshaft & summary of tensile tests encl. RAY, C. L. TDI (Transamerica Delaval, Inc.) Owners Group. GQTP-484-N-43. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 14pp. 27390:082. 24X Fiche:50-000,84/11/06,8411080235.
- Forwards response to 840920 request for addl info re transients experienced by TDI diesels & instrumentation & design provisions to insulate while paralleling diesel w/grid sys. 1 (Transamerica Delaval, Inc.) Owners Group. 2. 84/11/06. BERLINGER, C. H. Office of Nuclear Reactor Regulation, Director. 12pp. 27390:070. 24X Fiche:50-000,84/11/06,8411080347 Forwards confirmation of 840828 telcon responses re diesel generator requalification program & changes in list of diesel generator activities to be completed prior to fuel load. GEORGE, J. B. Texas Utilities Electric Co. (formerly Texas Utilities Generating Co.). CPPA-40973. 84/09/19. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 62pp. 27394:152. 24X Fiche:50-000,84/09/19,8411080347.
- 8411080362 Informs that response to Generic Ltr 81-21 re natural circulation cooldown being formulated. Applicability of GPU analyses will be determined. Responses will be provided when program completed. HOSLER, A. G. Babcock & Wilcox Operating Plants Owners Group. GL-81-21. 84/10/31. KADAMBI, N. P. NRC - No Detailed Affiliation Given. 1p. 27390:046.
- 8411080451 Notification of contract execution, Mod 2, to "Review of TDI Emergency Diesel Generator." Contractor: JB Heywood. PAGE, M. Technical Assistance Contracts Branch. FIN B-8699. NRC-03-84-076. 84/10/15. DENTON, H. R. Office of Nuclear Reactor Regulation, Director. 1p. 27416:074.
- 8411080465 Mod 2, deleting FIN B-8691 & substituting FIN B-8699 in lieu thereof, to "Review of TDI Emergency Diesel Generator."
* Heywood, J. B. EDOEWORTH, P. J. Division of Contracts. FIN B-8699. NRC-03-84-076. 84/10/15. 1p. 27416:075.
- 8411090296 Proposed findings of fact & conclusions of law re onsite backup power sys. Certificate of Svc encl. PERLIS, R. G. Hearing Branch 3. #484 045. DL-4. 84/08/31. 36pp. 27400:001. 24X Fiche:50-322,84/08/31,8411090296.
- 8411090479 Motions A & B for limited supplementation of diesel generator engine block record & for limited reopening of diesel generator crankshaft record, respectively. Certificate of Svc encl. Related correspondence. ELLIS, T. S. Long Island Lighting Co. ELLIS, T. S. Hunton & Williams. #484 055. DL. 84/11/06. Atomic Safety and Licensing Board Panel. 23pp. 27416:201. 24X Fiche:50-322,84/11/06,8411090479.
- 8411120061 Summary of 820304 meeting w/B&W & B&W Owners Group in Bethesda, MD re abnormal transient operating guidelines. List of meeting attendees & questions w/B&W responses encl. CLIFFORD, J. W. Procedures & Systems Review Branch. 82/04/12. ZIEMANN, D. L. Procedures & Systems Review Branch. 43pp. 27440:299.
- 8411120091 Interim Deficiency Rept DR-228 re defective TDI supplied cylinder head valves in standby diesel generator. Interim or final status rept will be provided by 841205. BOOKER, J. E. Gulf States Utilities Co. RB0-19261. 84/10/24. MARTIN, R. D. Region 4, Office of Director. 1p. 27436:062. 24X Fiche:50-458,84/10/24,8411120091.
- 8411120103 Forwards topical rept evaluation of AECC-4(P/NP) & Amend 1, "Mobile Vol Reduction Sys." Rept acceptable. THOMAS, C. O. Standardization & Special Projects Branch. 84/10/26. GARCIA, R. Aerojet Energy Conversion Co. (subs. of General Tire & Rubber Co.). 4pp. 27457:183.
- 8411120251 Forwards proprietary & nonproprietary versions of "Statistical Combination of Uncertainties." Parts II & III, per 840720 & 0928 ltrs. Affidavit requesting proprietary rept be withheld (ref 10CFR2.790) encl. MEDFORD, M. O. Southern California Edison Co. 84/11/07. KNIGHTON, G. W. Licensing Branch 3. 6pp. 27426:095. 24X Fiche:50-361,84/11/07,8411120251.
- 8411120289 CEN-283(S)-NP V02
Nonproprietary "Statistical Combination of Uncertainties, Part II, Uncertainty Analysis of Limiting Safety Sys Settings."
* Combustion Engineering, Inc. 84/10/31. 61pp. 27426:101. 24X Fiche:50-361,84/11/07,8411120251.
- 8411120305 CEN-283(S)-NP V03
Nonproprietary "Statistical Combination of Uncertainties, Part III, Uncertainty Analysis of Limiting Conditions for Operation."
* Combustion Engineering, Inc. 84/10/31. 42pp. 27426:162. 24X Fiche:50-361,84/11/07,8411120251.
- 8411120309 Forwards conformed & attachment specs in response to 831228 request for addl info concerning TDI diesel generator. Info includes TDI Owners Group & site-specific responses. EDELMAN, M. R. Cleveland Electric Illuminating Co. PY-CEI/NRR-0146. 84/10/31. YOUNGBLOOD, B. J. Licensing Branch 1. 27pp. 27427:107. 24X Fiche:50-440,84/10/31,8411120309.

NONDOCKETED ITEMS

399

- 8411120316 Advises that Hydrogen Control Owners Group will respond generically to request for addl info re CLASIX-3 computer code & effects of suppression pool bypass for Mark III containment plants.
HOBBBS, S.H. Hydrogen Control Owners Group. HOBBBS, S.H. Mississippi Power & Light Co. HGN-022. 84/11/07. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27427:105.
- 8411120357 Forwards proprietary WCAP-10665-P & nonproprietary WCAP-10666, "Ex-Core Axial Power Monitor." Proprietary rept withheld (ref 10CFR2.790).
RAHE, E.P. Westinghouse Electric Corp. NS-EPR-2939. 84/09/18. THOMAS, C.D. Standardization & Special Projects Branch. 2pp. 27435:307. 24X Fiche: 50-400, 84/09/18, 8411120357.
- 8411120366 Submits application for withholding proprietary WCAP-10665-P, "Ex-Core Axial Power Monitor." per 10CFR2.790.
WIEBENHANN, R.A. Westinghouse Electric Corp. AW-84-87. 84/09/18. THOMAS, C.D. Standardization & Special Projects Branch. 8pp. 27435:309. 24X Fiche: 50-400, 84/09/18, 8411120357.
- 8411120374 WCAP-10666
Nonproprietary "Ex-Core Axial Power Monitor."
CONNORS, G.R., GROBMYER, L.R., TULEY, C.R. Westinghouse Electric Corp. 84/09/30. 52pp. 27435:317. 24X Fiche: 50-400, 84/09/18, 8411120357.
- 8411120458 Final Deficiency Rept DR-140 re TDI engine-mounted fuel oil line in standby diesel generators. Generators, fuel oil piping & header assembly installed per TDI Drawing 03-450-08. Item not reportable per 10CFR50.55(e).
BODKER, J.E. Gulf States Utilities Co. RBQ-19264. 84/10/26. MARTIN, R.D. Region 4, Office of Director. 1p. 27458:043. 24X Fiche: 50-438, 84/10/26, 8411120458.
- 8411120109 Topical rept evaluation of AECC-4(P/NP) & Amend 1, "Mobile Vol Reduction Sys." Rept acceptable.
* Standardization & Special Projects Branch. 84/10/26. 13pp. 27457:185.
- 8411130337 Designates R Perch to coordinate joint discussions between newly formed C-E Owners Group Tech Spec Subcommittee & NRC, in response to 841003 request. Recommends submittal of draft Tech Specs for reactor vessel level monitoring sys.
EISENHUT, D.G. Division of Licensing. GL-83-37. 84/10/29. WELLS, R.W. C-E Operating Plants Owners Group. WELLS, R.W. Northeast Utilities. 1p. 27490:038.
- 8411130408 Update to 840424 final Deficiency Rept [RDC 101(84)] re defect in piston skirt castings supplied by TDI. Pistons returned to TDI & dispositioned as scrap. Pistons will be replaced w/Type AE piston.
EDELMAN, M.R. Cleveland Electric Illuminating Co. [RDC 101(84)]. 84/10/25. KEPLER, J.G. Region 3, Office of Director. 1p. 27458:324. 24X Fiche: 50-440, 84/10/25, 8411130408.
- 8411130573 Trip rept of 840604-05 site visit re TDI diesel engine insp. Approx 85% of insp performed & problem areas listed. Attendance list & tables of TDI diesel generator insp status encl. Util should submit finalized rept for NRC review.
HOUSTON, M.D. Licensing Branch 4. 84/11/06. Licensing Branch 4. 11pp. 27472:070. 24X Fiche: 50-416, 84/11/06, 8411130573.
- 8411130620 Forwards safety evaluation of XN-NF-83-711(P), "Extension of XNB Correlation to PWR Fuel Assembly Designs W/Spacer Pitch Greater Than 22 Inches." Rept acceptable for referencing to extent specified.
VARQA, S.A. Operating Reactors Branch 1. 84/10/24. UTLEY, E.E. Carolina Power & Light Co. 2pp. 27471:316. 24X Fiche: 50-261, 84/10/24, 8411130620.
- 8411130633 Safety evaluation of XN-NF-83-711(P), Extension of XNB Correlation to PWR Fuel Assembly Designs W/Spacer Pitch Greater Than 22 Inches." Rept acceptable for referencing to extent specified.
* Office of Nuclear Reactor Regulation, Director. 84/10/24. 6pp. 27471:318. 24X Fiche: 50-261, 84/10/24, 8411130620.
- 8411130641 Final Deficiency Rept DR-140 re engine-mounted fuel oil line in standby diesel generators supplied by TDI. Fuel oil piping & header assembly installed per TDI Drawing 03-450-08. Not reportable per 10CFR50.55(e).
BODKER, J.E. Gulf States Utilities Co. DR-140. 84/10/26. MARTIN, R.D. Region 4, Office of Director. 1p. 27462:043. 24X Fiche: 50-438, 84/10/26, 8411130641.
- 8411140018 Forwards safety evaluation of XN-NF-83-711(P), "Mechanical Design Rept Suppl for HB Robinson Part Length Shielding Assemblies." Rept acceptable for referencing in license applications to extent noted in evaluation.
VARQA, S.A. Operating Reactors Branch 1. 84/10/24. UTLEY, E.E. Carolina Power & Light Co. 3pp. 27509:336. 24X Fiche: 50-261, 84/10/24, 8411140018.
- 8411140020 Safety evaluation supporting XN-NF-83-711(P), "Mechanical Design Rept Suppl for HB Robinson Part Length Shielding Assemblies." Rept acceptable for referencing in license applications.
* Office of Nuclear Reactor Regulation, Director. 84/10/24. 2pp. 27509:339. 24X Fiche: 50-261, 84/10/24, 8411140018.
- 8411140027 Advises that Aug 1984 response to questions re CENPD-269-P, "Extended Burnup of C-E Fuel" & Jul 1984 Rev 1 to CENPD-269-P will be withheld from public disclosure (ref 10CFR2.790(b)(3)), per 840907 request.
MILLER, J.R. Operating Reactors Branch 3. 84/10/17. LUNDVALL, A.E. Baltimore Gas & Electric Co. 2pp. 27496:362. 24X Fiche: 50-317, 84/10/17, 8411140027.
- 8411140052 Forwards Gulf States Co 800804 ltr in support of statements in June 1984 rept, "Suppl to Emergency Diesel Generator Auxiliary Module Control Wiring & Termination Qualification Review."
RAY, C.L. Duke Power Co. OGTP-475-N-41. 84/11/01. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/01, 8411140052.
- 8411140143 Forwards addl info re addl instrumentation to be added to VR sys described in AECC-2-P(NP), per JJ Hayes 840911 request.
GARCIA, R. Aerojet Energy Conversion Co. (subs. of General Tire & Rubber Co.). 5301:4246:RG:AB. 84/09/17. THOMAS, C.D. Standardization & Special Projects Branch. 9pp. 27467:032.
- 8411140344 Forwards revised Page 5-4 of 840312 rept, "Design Review of Connecting Rod Bearing Shells for TDI Enterprise Engines."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. OGTP-485-N-44. 84/11/06. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 24X Fiche: 50-000, 84/11/06, 8411140344.
- 8411140371 Forwards proprietary & nonproprietary CEN-288(A), "CPC Methodology Changes for Arkansas One Unit 2 Cycle 5." Proprietary rept withheld (ref 10CFR2.790).
ENOS, J.T. Arkansas Power & Light Co. 2CAN118402. 84/11/09. MILLER, J.R. Operating Reactors Branch 3. 5pp. 27470:012. 24X Fiche: 50-368, 84/11/09, 8411140371.
- 8411140376 CEN-288(A)-NP
Nonproprietary "CPC Methodology Changes for Arkansas Nuclear One Unit 2 Cycle 5."
* Combustion Engineering, Inc. 84/10/31. 8pp. 27470:017. 24X Fiche: 50-368, 84/11/09, 8411140371.
- 8411140378 Forwards Change Notice 11 of Amend 7 to SCE-1-A, "QA Program" for Southern California Edison Co.
MEDFORD, M.O. Southern California Edison Co. 84/11/02. MARTIN, J.B. Region 5, Office of Director. 1p. 24X Fiche: 50-206, 84/11/02, 8411140378.
- 8411140384 SCE-1-A A07 R11
Change Notice 11 of Amend 7 to SCE-1-A, "QA Program" for Southern California Edison Co.
* Southern California Edison Co. 84/11/02. 7pp. 24X Fiche: 50-206, 84/11/02, 8411140378.
- 8411140419 Provides addl info on evaluation & corrective action re excessive setpoint drift in some potentiometers in auxiliary feedwater actuation sys cabinet at St Lucie Unit 2 & plant protection sys cabinets at Palo Verde.
SCHERER, A.E. Combustion Engineering, Inc. LD-84-063. 84/10/26. BAER, R.L. Division of Emergency Preparedness & Engineering Response (Post 830103). 2pp. 24X Fiche: 50-000, 84/10/26, 8411140419.
- 8411150009 Clarifies statement in 840803 ltr that provided confirmation of completion of commitments re TDI diesel generators. Statement reaffirmed that fuel oil line insp incorporated into augmented maint/surveillance program.
DALE, L.F. Mississippi Power & Light Co. AECM-84/0485. 84/11/07. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27504:247. 24X Fiche: 50-416, 84/11/07, 8411150009.
- 8411150011 Confirms info given to D Dinger of BNWL in 841106 telcon re Homestead V-20 engine equipped w/modified auxiliary pistons. Approx 1,500 h logged on pistons at load ranging from 4-5 MW prior to fuel conversion.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. OGTP-488-N-45. 84/11/07. BERLINGER, C.H. Office of Nuclear Reactor Regulation, Director. 1p. 27510:235. 24X Fiche: 50-000, 84/11/07, 8411150011.
- 8411150020 Forwards proprietary Rev 1 to "Compliance of OE BWR Fuel Designs to Stability Licensing Criteria." Affidavit encl. Rept withheld (ref 10CFR2.790).
QUIRK, J.F. General Electric Co. MFN-154-84. 84/11/06. THOMAS, C.D. Standardization & Special Projects Branch. 6pp. 27505:146.

NONDOCKETED ITEMS

8411150055 Forwards Rev 0 to "Responses to NRC Request for Addl Info on Mark I Containment Program: Wetwell to Drywell Vacuum Breaker Load Methodology." PFEFFERLEN, H.C. General Electric Co. MFN-153-84. 84/11/06. VASSALLO, D.B. Operating Reactors Branch 2. 1p. 27503:065.

--8411150061 Rev 0 to "Responses to NRC Request for Addl Info on Mark I Containment Program: Wetwell to Drywell Vacuum Breaker Load Methodology." BILANIN, A.V. Continuum Dynamics, Inc. 84/10/01. 75pp. 27503:066.

8411150279 Advises that QA program submitted on 830711 satisfies requirements of 10CFR50, App B & acceptable. LEWIS, R.C. Region 2, Office of Director. 84/10/12. PARRIS, H.G. Tennessee Valley Authority. 2pp. 27528:298. 24X Fiche: 50-000, 84/10/12, 8411150279.

8411160174 Forwards "Pilgrim Nuclear Power Station Recirculation Nozzle Repair Program & Hydrogen Water Chemistry Matls Qualification." Five areas re 830826 IGS CC insp order clarified. Requests order be rescinded by 841127. HARRINGTON, W.D. Boston Edison Co. BECO 84-191. 84/11/09. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27542:253. 24X Fiche: 50-293, 84/11/09, 8411160174.

--8411160182 NEDO-30730 "Pilgrim Nuclear Power Station Recirculation Nozzle Repair Program & Hydrogen Water Chemistry Matls Qualification." KISS, E., GRIDLEY, R.L. General Electric Co. DRF 831-00106. 84/09/30. 246pp. 27542:256. 24X Fiche: 50-293, 84/11/09, 8411160174.

8411160245 Forwards errata to CEN-267(V)-NP & Rev 1-NP, "Final Rept on Performance Evaluation of Palo Verde Control Element Assembly Shroud." VAN BRUNT, E.E. Arizona Public Service Co. ANPP-31122 WFG/. 84/11/14. KNIGHTON, G. Licensing Branch 3. 2pp. 27543:200. 24X Fiche: 50-528, 84/11/14, 8411160245.

--8411160258 CEN-26(V)-NP ERR R1 Errata to CEN-267(V)-NP & Rev 1-NP, "Final Rept on Performance Evaluation of Palo Verde Control Element Assembly Shroud." * Combustion Engineering, Inc. 84/08/31. 4pp. 27543:202. 24X Fiche: 50-528, 84/11/14, 8411160245.

8411160315 Notices of organization changes in nuclear energy business operations. Changes will not result in any decrease in effectiveness of overall QA program as documented in Topical Rept NEDO-11209-04A, Rev 4. Organization chart encl. CASE, J.M. General Electric Co. 84/11/09. ZECH, G.G. Vendor Program Branch. 4pp. 27536:220.

8411160463 Notification of 841113 meeting w/util & Exxon in Bethesda, MD to discuss current cycle use of K sub Z curve & generic application of Exxon solution. WIGGINTON, D.L. Operating Reactors Branch 1. 84/11/07. VARGA, S.A. Operating Reactors Branch 1. 2pp. 27546:052. 24X Fiche: 50-316, 84/11/07, 8411160463.

8411160532 Forwards request for addl info on Topical Rept DPC-NF-2010 re physics methodology for reloads, in response to util 840718 ltr. Response requested by 841130. ADENSAM, E.G. Licensing Branch 4. 84/11/05. TUCKER, H.B. Duke Power Co. 11pp. 27546:218. 24X Fiche: 50-000, 84/11/05, 8411160532.

8411160548 Notification of 841113 meeting w/Exxon Nuclear Co in Bethesda, MD to discuss procedures used to establish power shapes used in ECCS analysis & to assure appropriateness in setting peaking limits. MORAN, D.H. Standardization & Special Projects Branch. 84/11/02. THOMAS, C.D. Standardization & Special Projects Branch. 4pp. 27543:349.

8411160553 Forwards topical rept evaluation of CENPD-207, "C-E Critical Heat Flux: Critical Heat Flux Correlation for C-E Fuel Assemblies w/Std Spacer Grids: Part 2 - Nonuniform Axial Power Distribution." Rept acceptable for ref. THOMAS, C.D. Standardization & Special Projects Branch. 84/11/02. SCHERER, A.E. Combustion Engineering, Inc. 3pp. 27543:334.

--8411160566 Topical rept evaluation of CENPD-207, "C-E Critical Heat Flux: Critical Heat Flux Correlation for C-E Fuel Assemblies w/Std Spacer Grids: Part 2 - Nonuniform Axial Power Distribution." Rept acceptable for ref. * Site Analysis Branch. * Core Performance Branch. 84/11/02. 10pp. 27543:337.

8411160583 Forwards evaluation of XN-NF-82-20-(P), Rev 1, Suppl 2, "EXEM/PWR ECCS Model Updates for Fuel Modeling." Rept acceptable for ref. THOMAS, C.D. Standardization & Special Projects Branch. 84/11/05. CHANDLER, J.C. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). 2pp. 27543:327.

--8411160589 Evaluation of XN-NF-82-20-(P), Rev 1, Suppl 2, "EXEM/PWR ECCS Model Updates for Fuel Modeling." Rept acceptable for ref. * Standardization & Special Projects Branch. TAC 55630. 84/11/05. 2pp. 27543:329.

8411190083 Final significant deficiency rept re cracked TDI cast iron subcovers. Initially reported on 840623. Cracked subcovers replaced. Installation procedures revised. O'REILLY, J.P. Region 2, TUCKER, H.B. Duke Power Co. 84/09/27. 24X Fiche: 50-413, 84/09/27, 8411190083.

8411190112 Interim Deficiency Rept DR-230 re air start valve in Cylinder 8 of standby diesel generator supplied by TDI. Next rept will be provided by 841213. BOOKER, J.E. Gulf States Utilities Co. DR-230. 84/10/30. MARTIN, R.D. Region 4, Office of Director. 1p. 27568:022. 24X Fiche: 50-458, 84/10/30, 8411190112.

8411190129 Interim Deficiency Rept DR-220 re seats on cylinder heads of standby diesel generators supplied by TDI. Next rept will be provided by 841219. BOOKER, J.E. Gulf States Utilities Co. DR-220. 84/11/01. MARTIN, R.D. Region 4, Office of Director. 1p. 27567:346. 24X Fiche: 50-458, 84/11/01, 8411190129.

8411190429 Forwards proprietary & nonproprietary "Phase I Core Protection Calculator Test Rept for San Onofre Nuclear Generating Station Units 2 & 3" & "Core Protection Calculator Data Base Rept." Affidavit encl. MEDFORD, M.O. Southern California Edison Co. 84/11/15. KNIGHTON, G.W. Licensing Branch 3. 7pp. 27549:087. 24X Fiche: 50-361, 84/11/15, 8411190429.

--8411190441 CEN 266(S)-NP R01 Nonproprietary Rev 1 to "San Onofre Nuclear Generating Station Unit 2 Core Protection Calculator & Control Element Assembly Calculator Data Base Listing." * Combustion Engineering, Inc. 84/10/31. 67pp. 27549:094. 24X Fiche: 50-361, 84/11/15, 8411190429.

--8411190449 CEN-269(S)-NP R02 Nonproprietary Rev 2 to "Core Protection Calculator/Control Element Assembly Calculator Sys Phase II Software Verification Test Rept." * Combustion Engineering, Inc. 84/11/30. 26pp. 27549:162. 24X Fiche: 50-361, 84/11/15, 8411190429.

--8411190455 CEN-176(S)-NP R03 Nonproprietary Rev 3 to "Core Protection Calculator/Control Element Assembly Calculator Sys Phase I Software Verification Test Rept." * Combustion Engineering, Inc. 84/11/30. 27pp. 27549:189. 24X Fiche: 50-361, 84/11/15, 8411190429.

--8411190460 CEN-281(S)-NP R01 Nonproprietary Rev 1 to "Core Protection Calculator/Control Element Assembly Calculator Software Mods." * Combustion Engineering, Inc. 84/11/30. 24pp. 27549:217. 24X Fiche: 50-361, 84/11/15, 8411190429.

8411190518 Forwards "Transient Sensitivity of Fuel Rod Surface Heat Flux to Nuclear Power" & responses to two questions re XN-NF-78-21(P), Rev 2 concerning XCOBRA-IIIC, per NRC request. Study withheld (ref 10CFR2.790). CHANDLER, J.C. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). JCC: 130:84. 84/09/19. THOMAS, C.D. Standardization & Special Projects Branch. 2pp. 27550:101.

8411190531 Forwards proprietary addl info re Suppl 4 to XN-NF-82-20(P), "Exxon Nuclear Co Evaluation Model EXEM/PWR ECCS Model Updates." Withheld (ref 10CFR2.790). CHANDLER, J.C. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). JCC: 131:84. 84/09/20. THOMAS, C.D. Standardization & Special Projects Branch. 1p. 27549:086.

8411200064 Final Significant Deficiency Repts SD-413/84-18 & SD-414/84-18 re four TDI diesels w/possible residual stresses in Type AN piston skirts. Initially reported on 840628. Unit 1 piston skirts replaced. TUCKER, H.B. Duke Power Co. SD-413/84-18. 84/09/27. O'REILLY, J.P. Region 2, Office of Director. 3pp. 27583:117. 24X Fiche: 50-413, 84/09/27, 8411200064.

8411200221 Requests review of bias correction procedures & appropriate sections of fundamental nuclear matl control plan. Deviations from NRC positions should be ready for discussion by 841203.
BROWN, W.B. Fuel Facility Safeguards Licensing Branch. 84/10/30.
REGAN, N., FORD, J.T. Babcock & Wilcox Co. ESKRIDGE, H. Combustion Engineering, Inc. 3pp. 27597:356.

8411200254 Suffolk County & State of NY proposed findings of fact & conclusions of law on TDI emergency diesel generators (replacement crankshafts). Certificate of Svc encl.
SCHEIDT, D.J. Suffolk County, NY. SCHEIDT, D.J. Kirkpatrick & Lockhart. PALOMINO, F.G. New York, State of. #484 187. QL. 84/11/15. 84pp. 27573:001. 24X Fiche:50-322,84/11/15,8411200254.

8411200373 Forwards WCAP-10637, "Analysis of Capsules T-330 & W-290 From CPC Palisades Reactor Vessel Radiation Surveillance Program."
JOHNSON, B.D. Consumers Power Co. 84/10/31. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27570:296. 24X Fiche:50-255,84/10/31,8411200373.

--8411200379 WCAP-10637
"Analysis of Capsules T-330 & W-290 From CPC Palisades Reactor Vessel Radiation Surveillance Program."
KUNKA, M.K., CHENEY, C.A., MEYER, T.A. Westinghouse Electric Corp. 84/09/30. 119pp. 27570:299. 24X Fiche:50-255,84/10/31, 8411200373.

8411200471 Summary of 840518 meeting w/util & DOE in Bethesda, MD re disassembly & insp of one TDI diesel engine. Attendance list & viewgraphs encl.
HOUSTON, M.D. Licensing Branch 4. 84/11/13. Licensing Branch 4. 16pp. 27598:171. 24X Fiche:50-416,84/11/13,8411200471.

8411210094 Part 21 & third interim deficiency rept re fuel oil line rupture in TDI generators. Initially reported on 831121. Investigation underway. Next rept expected by 850105.
MILLS, L.M. Tennessee Valley Authority. 84/10/23. O'REILLY, J.P. Region 2, Office of Director. 2pp. 27606:116. 24X Fiche:50-438,84/10/23,8411210094.

8411210324 Final Deficiency Rept DR-241 re unbalance of silicon control rectifier bridge currents in voltage regulator on standby diesel generator supplied by TDI. Initially reported on 840831. Condition not reportable per 10CFR2.55(e).
BOOKER, J.E. Gulf States Utilities Co. RBG-19369. 84/11/05. MARTIN, R.D. Region 4, Office of Director. 2pp. 27617:026. 24X Fiche:50-458,84/11/05,8411210324.

8411260043 Forwards Topical Rept 11, Amend B to QA-A13010A, "QA Technologies GA Program."
FISHER, C.R. QA Technologies, Inc./General Atomic Co. SEL:175:CRF:84. 84/11/14. GRACE, J.M. Division of QA, Safeguards & Inspection Programs (Post 830103). 1p. 27614:134.

--8411260105 Amend B to QA-A13010A, "QA Technologies GA Program."
* QA Technologies, Inc./General Atomic Co. 84/10/31. 70pp. 27614:135.

8411260049 Responds to Generic Ltr 84-15, "Proposed Staff Actions to Improve & Maintain Diesel Generator Reliability."
Recommends Tech Specs be adopted to minimize number of fast starts & allow prelubrication prior to testing.
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group. QL-84-15. 84/11/16. EISENHUT, D.G. Division of Licensing. 2pp. 27615:131. 24X Fiche:50-000,84/11/16,8411260049.

8411260198 Forwards addl proprietary info re Rev 1 to XN-NF-734(P), "Confirmation of XN-3 Critical Power Correlation for 9x9 Fuel Assemblies," per NRC request. Info withheld (ref 10CFR2.790).
CHANDLER, J.C. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). JCC:154:84. 84/11/19. THOMAS, C.D. Standardization & Special Projects Branch. 1p. 27617:015.

8411260224 Forwards requested addl info re various aspects of newly developed qualified load for TDI diesel generators, per 841026 telcon.
LEONARD, J.D. Long Island Lighting Co. SNRC-1104. 84/11/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27616:012. 24X Fiche:50-322,84/11/19,8411260224.

8411260262 Interim Deficiency Rept DR-227 re push rod sockets in rocker arm assemblies for TDI Standby Diesel Generator 1EG5HEG1A. Interim or final status rept will be provided by 850116.
BOOKER, J.E. Gulf States Utilities Co. DR-227. 84/11/07. MARTIN, R.D. Region 4, Office of Director. 1p. 27613:138. 24X Fiche:50-458,84/11/07,8411260262.

8411260419 Submits rept on util representatives 841004-12 trip to Saudi Arabia to review engine operating records for Rafha Electric Co TDI diesel generators. Based on limited data, TDI engines proved highly reliable.
LEONARD, J.D. Long Island Lighting Co. SNRC-1109. 84/11/19. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27612:227. 24X Fiche:50-322,84/11/19,8411260419.

8411260541 Interim Deficiency Rept DR-221 re fire deck wall thickness of cylinder heads in TDI standby diesel generators. Next rept will be provided by 841220.
BOOKER, J.E. Gulf States Utilities Co. RBG-19341. 84/11/01. MARTIN, R.D. Region 4, Office of Director. 1p. 27644:332. 24X Fiche:50-458,84/11/01,8411260541.

8411270104 Advises that info from NEDE-24988-P re generic BWR safety/relief valve operability test results should resolve SER Confirmatory Issue 7.
EDELMAN, M.R. Cleveland Electric Illuminating Co. PY-CEI/NRR-0155. 84/11/20. YOUNGBLOOD, B.J. Licensing Branch 1. 1p. 27629:252. 24X Fiche:50-440,84/11/20,8411270104.

8411270396 Forwards proprietary addl info in response to Request 2 for addl info on WCAP-10125, "Extended Burnup Evaluation of Westinghouse Fuel." Application for withholding proprietary info (ref 10CFR2.790) also encl.
RAHE, E.P. Westinghouse Electric Corp. NS-EPR-2960. 84/10/31. THOMAS, C.D. Standardization & Special Projects Branch. 2pp. 27628:281.

--8411270402 Requests proprietary addl info in response to Request 2 for addl info on WCAP-10125, "Extended Burnup Evaluation of Westinghouse Fuel." be withheld from public disclosure per 10CFR2.790.
WIESEMANN, R.A. Westinghouse Electric Corp. AW-84-88. 84/10/31. THOMAS, C.D. Standardization & Special Projects Branch. 1p. 27628:283.

8411280172 Informs that 840226 commitment to submit limited risk assessment for loss of ac power withdrawn since diesel engines inspected to address adequacy of TDI diesel engines & expedite issuance of full power QL.
DALE, L.F. Mississippi Power & Light Co. AECM-84/0491. 84/11/21. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27665:360. 24X Fiche:50-416,84/11/21,8411280172.

8411280196 Agrees to permit NRC to release proprietary info contained in encl listed Westinghouse topical repts re mechanistic fracture mechanics analyses of RCS primary loop piping & large Class 1 RCS piping.
RAHE, E.P. Westinghouse Electric Corp. NS-NRC-84-2977. 84/11/15. EISENHUT, D.G. Division of Licensing. 4pp. 27669:258.

8411280296 Forwards Proprietary Rev O to Exxon Nuclear Co XN-NF-84-69, "Exam of Exxon Nuclear Co Fuel Irradiated at DC Cook-2, Apr 1984 (EOC 4)" & affidavit for withholding. Rept withheld (ref 10CFR2.790).
ALEXICH, M.P. Indiana & Michigan Electric Co. AEP:NRC:0860U. 84/11/21. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 3pp. 27665:021. 24X Fiche:50-316,84/11/21,8411280296.

8411280297 Forwards info presented at 841109 meeting re shutdown cooling sys relief valve operability & Crosby steam production tests for Crosby 6R10, JQ-56 relief valve, per request.
VAN BRUNT, E.E. Arizona Public Service Co. ANPP-31214-EEVB. 84/11/26. KNIGHTON, G. Licensing Branch 3. 2pp. 27662:037. 24X Fiche:50-000,84/11/26,8411280297.

--8411280301 "Summary Rept on Design Basis of Shutdown Cooling Sys Relief Valves for CESSAR Sys 80."
* Combustion Engineering, Inc. 84/11/30. 10pp. 27662:059. 24X Fiche:50-000,84/11/26,8411280297.

--8411280307 "Summary Rept on Operability of Shutdown Cooling Sys Relief Valves for Palo Verde Units 1,2 & 3."
* Combustion Engineering, Inc. 84/11/30. 23pp. 27662:069. 24X Fiche:50-000,84/11/26,8411280297.

8411280505 Final Deficiency Rept DR-202 re active thrust bearings in turbochargers for standby diesel generators supplied by TDI. N&D 625B & 6259 generated & dispositioned for rework by replacing identical parts.
BOOKER, J.E. Gulf States Utilities Co. DR-202. 84/11/09. MARTIN, R.D. Region 4, Office of Director. 3pp. 27687:357. 24X Fiche:50-458,84/11/09,8411280505.

8411290176 Forwards Rev 1 to nonproprietary NEDO-30641A, "Conceptual Design for Pilgrim Nuclear Power Station Emergency & Plant Info Computer (EPIC) Safety Parameter Display Sys (SPDS)."
BITTER, D.B. General Electric Co. MFN-151-84. 84/10/26. LEECH, P.H. Office of Nuclear Reactor Regulation, Director. 1p. 27677:243. 24X Fiche:50-293,84/10/26,8411290176.

NONDOCKETED ITEMS

- 8411290184 NEDO-30641A R01
Rev 1 to nonproprietary "Conceptual Design for Pilgrim Nuclear Power Station Emergency & Plant Info Computer (EPIC) Safety Parameter Display Sys (SPDS)."
BENSON, J.E. General Electric Co. 84/09/30. 52pp. 27677:246.
24X Fiche: 50-293, 84/10/26, 8411290176.
- 8411290194 Forwards "Investigation of Types AN & AH Piston Skirts."
RAY, C.L. TDI (Transamerica Delaval, Inc.) Owners Group.
OGTP-593-N-49. 84/11/27. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. 2pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.
- 8411290233 FAAA-84-10-30
"Investigation of Types AN & AH Piston Skirts."
* Failure Analysis Associates. 84/11/30. 78pp. 27678:218. 24X Fiche: 50-000, 84/11/27, 8411290194.
- 8411290239 Forwards BNL draft "Independent Safety Organization" re independent investigations of significant safety events, including significant operational incidents.
HELTENES, C.J. Director's Office. 84/11/19. FRALEY, R. ACRS - Advisory Committee on Reactor Safeguards. 1p. 27695:165.
- 8411290247 Forwards BNL draft "Independent Safety Organization," re independent investigations of significant safety events, including significant operational incidents. Comments requested by 841130.
HELTENES, C.J. Director's Office. 84/11/16. DIRCKS, W.J. Office of the Executive Director for Operations. DENTON, H.R. Office of Nuclear Reactor Regulation, Director. DEYOUNG, R.C. Director's Office, Office of Inspection and Enforcement. 2pp. 27695:166.
- 8411290250 Draft "Independent Safety Organization."
KATO, W.Y., WEINSTOCK, E.V., CAREW, J.F. Brookhaven National Laboratory. FIN D-1358. 84/11/15. Director's Office. 299pp. 27695:168.
- 8411290258 Forwards draft "Independent Safety Organization" re independent investigations of significant safety events, including significant operational incidents.
DIRCKS, W.J. Office of the Executive Director for Operations. 84/11/20. PALLADINO, ROBERTS, ASSELSTINE Commissioners. 2pp. 27694:225.
- 8411290284 Third partial response to FOIA request for documents re prior hearing for proposed OL amends for 11 reactors, allowing operation w/one recirculation loop out of svc. Forwards App A documents. App B documents in PDR.
FELTON, J.M. Division of Rules and Records. 84/04/19. BELL, N. Nuclear Information & Resource Service. 9pp. 27696:288. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290316 NEDO-20999
"Pilgrim Nuclear Power Station Unit 1 License Amend for Single-Loop Operation."
* General Electric Co. 75/10/31. 35pp. 27696:339. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290380 NEDO-20999 S01
Suppl to "Pilgrim Nuclear Power Station Unit 1 Amend for Single Loop Operation W/Bypass Holes Plugged."
* General Electric Co. 76/01/31. 10pp. 27697:038. 24X Fiche: 50-000, 84/04/19, 8411290284.
- 8411290436 Requests amend of NEDO-20566, "OE Analytical Model for LOCA Analysis in Accordance W/10CFR50, App K," to provide listed info re LOCA evaluation model for single loop operation.
ROSS, D.F. Assistant Director for Reactor Safety. 76/11/17.
FULLER, E.D. General Electric Co. 2pp. 27697:097.
- 8411290438 Forwards generic info re power operation w/recirculation loop out of svc & response to request for addl info.
LEVINE, A.J. General Electric Co. 76/11/30. ROSS, D.F. Assistant Director for Reactor Safety. 41pp. 27697:099.
- 8411290439 Requests addl info re power operation w/recirculation loop out of svc. Info will be incorporated in rev to NEDO-20566, "OE Analytical Model For LOCA Analysis in Accordance W/10CFR50, App K."
ROSS, D.F. Assistant Director for Reactor Safety. 77/02/08.
FULLER, E.D. General Electric Co. 1p. 27697:140.
- 8411290441 Requests addl info re power operation w/recirculation loop out of svc. Most license amend requests proposed operation w/single loop to powers exceeding 55%.
EISENHUT, D.G. Division of Operating Reactors. 77/03/01.
SHERWOOD, G.C. General Electric Co. 1p. 27697:141.
- 8411290292 Forwards App A to Rev 2 to CEN-152, "Response to NRC Core Performance Branch Questions on CEN-152, Rev 2." App developed to respond to NRC comments re inadequate core cooling aspects. SER on Rev 2 to CEN-152 requested.
WELLS, R.W. C-E Operating Plants Owners Group. WELLS, R.W. Northeast Utilities. RWW-84-80. 84/11/26. EISENHUT, D.G. Division of Licensing. 2pp. 27677:300.
- 8411290301 App A to Rev 2 to CEN-152, "Response to NRC Core Performance Branch Questions on CEN-152, Rev 2."
* Combustion Engineering, Inc. 84/11/30. 57pp. 27677:304.
- 8411290367 Proposed findings of fact on replacement crankshafts for TDI emergency diesel generators. Certificate of Svc encl.
GODDARD, R.J. Hearing Branch 3. #484 341. OL. 84/11/27. 34pp. 27677:084. 24X Fiche: 50-322, 84/11/27, 8411290367.
- 8411290544 Interim Deficiency Rept DR-231 re cylinder liners / standby Diesel Generator 1EGS*E01A supplied by TDI. Next rept will be provided by 850119.
BOOKER, J.E. Gulf States Utilities Co. R86-19391. 84/11/08.
MARTIN, R.D. Region 4, Office of Director. 1p. 27722:087. 24X Fiche: 50-458, 84/11/08, 8411290544.
- 8411290625 Deficiency & Part 21 rept re TDI diesel generator problems. Extension requested until 850126 to provide final response to PRDs 84-14, 84-17 & 84-03 due to magnitude of TDI Diesel Generator Owners Group recommendations.
DALE, L.F. Mississippi Power & Light Co. AECM-84/2-0020. 84/11/07.
O'REILLY, J.P. Region 2, Office of Director. 2pp. 27722:138. 24X Fiche: 50-417, 84/11/07, 8411290625.

WASTE MGT NUCLEAR WASTE MANAGEMENT

- 8411030467 Forwards fourth draft of 840601 environ assessments for Swisher & Deaf Smith County potential sites & Vacherie Dome, Cypress Creek Dome, Davis Canyon, Lavender Canyon & Richton Dome salt sites.
NEFF, J.D. Energy, Dept. of. 575. 84/06/26. LINEHAN, J.J. Repository Projects Branch (Post 831001). 2pp. 27330:001.
- 8411030474 Fourth draft "Statutory Environ Assessment for Potential Swisher County Location, Palo Duro Basin, TX."
* Energy, Dept. of. 84/06/04. 1102pp. 27330:003.
- 8411030483 Fourth draft "Statutory Environ Assessment for Potential Deaf Smith County Location, Palo Duro Basin, TX."
* Energy, Dept. of. 84/06/04. 1109pp. 27333:025.
- 8411030489 Fourth draft "Statutory Environ Assessment for Vacherie Dome Site, Webster & Bienville Parishes, LA."
* Energy, Dept. of. 84/06/06. 927pp. 27336:054.
- 8411030495 Fourth draft "Statutory Environ Assessment for Cypress Creek Dome Site, Perry County, MS."
* Energy, Dept. of. 84/06/06. 943pp. 27338:263.
- 8411030501 Fourth draft "Statutory Environ Assessment for Davis Canyon Site, Paradox Basin, San Juan County, UT."
* Energy, Dept. of. 84/06/05. 863pp. 27341:126.
- 8411030507 Fourth draft "Statutory Environ Assessment for Lavender Canyon Site, Paradox Basin, San Juan County, UT."
* Energy, Dept. of. 84/06/05. 1047pp. 27343:269.
- 8411030513 Fourth draft "Statutory Environ Assessment for Richton Dome Site, Perry County, MS."
* Energy, Dept. of. 84/06/06. 957pp. 27346:236.
- 8411030666 Sixteenth monthly progress rept for Oct 1984.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/10/31. LOGSDON, M. Division of Waste Management. 5pp. 27442:126.
- 8411030670 Provides comments on monthly progress rept for Sept 1983. Final rept on statistical evaluation of hydrochemical data satisfactory. Contractual requirements of Task 2 completed.
LOGSDON, M.J. Repository Projects Branch (Post 831001). FIN B-7372. NRC-02-82-044. 83/10/20. WILLIAMS, R. Williams & Associates. 1p. 27442:131.
- 8411030676 Forwards final draft review of "Borehole Assessment Needs Plan."
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/10/05. LOGSDON, M. Division of Waste Management. 30pp. 27442:132.

NONDOCKETED ITEMS

403

8411030680 Forwards review comments of draft technical position on "Borehole & Shaft Sealing of High Level Nuclear Waste Repositories."
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/09/16. LOGSDON, M. Division of Waste Management. 6pp.
27442:162.

8411030684 Fourteenth monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/09/01. LOGSDON, M. Division of Waste Management. 3pp.
27442:168.

8411030690 Forwards final draft "Statistical Evaluation of Hydrochemical Data From saddle Mountains, Wanapum & Grande Ronde Basalts BWIP Hanford Site."
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/08/19. LOGSDON, M. Division of Waste Management. 3pp.
27442:171.

--8411030695 Final draft "Statistical Evaluation of Hydrochemical Data From Saddle Mountains, Wanapum & Grande Ronde Basalts BWIP Hanford Site."
* WILLIAMS & Associates. FIN B-7372. NRC-02-82-044. 83/08/19.
Division of Waste Management. 86pp. 27442:174.

8411030702 Forwards review of hydrologic testing specs for DC-16 borehole cluster. Revs to hydrochemistry rept underway. Addl statistics & text changes should be finished in near future.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/08/15. LOGSDON, M. Division of Waste Management. 7pp.
27442:260.

8411030708 Provides comments on monthly progress rept for Jul 1983. Minor typo on Table 2. Charges for current month should be listed under Task 3 not Task 2. Requests revised version of Table 2 for Jul 1983.
LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/08/15. WILLIAMS, R. Williams & Associates. 2pp. 27442:267.

8411030711 Draft thirteenth monthly progres rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/08/03. LOGSDON, M. Division of Waste Management. 3pp.
27442:269.

8411030715 Forwards draft review of ltr rept entitled, "Preliminary Scenarios of Release of Radwaste from Hypothetical Repository in Basalt of Columbia River Plateau."
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/07/26. VERMA, T. Division of Waste Management. 8pp. 27442:274.

8411030719 Forwards revised draft review of TASC rept, "Borehole Assessment Needs Plan."
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/07/22. LOGSDON, M. Division of Waste Management. 30pp.
27442:282.

8411030723 Forwards draft logs made while reviewing RRL-6 & RRL-14 during last site visit. Logs derived from interval repts not by Rockwell.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/07/21. LOGSDON, M. Division of Waste Management. 8pp.
27442:312.

8411030725 Forwards draft review of "Borehole Assessment Needs Plan," dtd 820305 & Rockwell data needs assessment & test plan. Documents reviewed w/respect to hydrogeologic parameters.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/03/29. VERMA, T. Division of Waste Management. 24pp. 27441:299.

8411030726 Forwards draft notes on BWIP hydrology workshop held in Richland, WA on 830711-15.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/07/19. LOGSDON, M. Division of Waste Management. 26pp.
27442:320.

8411030729 Twelfth monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/06/30. LOGSDON, M. Division of Waste Management. 6pp.
27442:346.

8411030730 Provides comments on monthly progress rept for Feb 1983. Progress to date satisfactory.
LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/03/17. WILLIAMS, R. Williams & Associates. 2pp. 27441:323.

8411030734 Eighth monthly progress rept for Feb 1983.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/03/03. VERMA, T. Division of Waste Management. 3pp. 27441:325.

8411030735 Forwards draft "Hydrogeologic Boundary Detection by Large-Scale Pump Testing: Case History Lewiston, ID."
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/07/01. LOGSDON, M. Division of Waste Management. 1p. 27442:352.

--8411080076 Draft "Hydrogeologic Boundary Detection by Large-Scale Pump Testing: Case History Lewiston, ID."
* WILLIAMS & Associates. FIN B-7372. NRC-02-82-044. 84/06/30.
Division of Waste Management. 13pp. 27442:353.

8411030741 Trip rept of 830606 visit to Bellevue, WA & Richland, WA re BWIP drill & test plan.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/07/27. VERMA, T. Division of Waste Management. 15pp. 27443:003.

8411030742 Requests attendance at 830307-08 meetings in Silver Spring, MD to discuss status of hydrogeology team modeling projects for Hanford site & to plan ongoing NRC modeling for BWIP licensing assessments. Agenda encl.
LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/03/02. WILLIAMS, R. Williams & Associates. 3pp. 27441:328.

8411030746 Comments on monthly progress rept for Jan 1983. Progress to date satisfactory.
LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/02/17. WILLIAMS, R. Williams & Associates. 2pp. 27441:331.

8411030747 Forwards ACRS comments on DOE site characterization rept & NRC draft site characterization analysis, final 10CFR60. Nuclear Waste Policy Act of 1982 & final "Analysis of BWIP Site Modeling," for background info. W/o encl.
LOGSDON, M. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/06/11. WILLIAMS, R.E. Williams & Associates. 2pp. 27443:018.

8411030749 Trip rept of 830214-18 visit to NRC in Silver Spring, MD to discuss review & analysis of site characterization rept.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/02/22. VERMA, T. Division of Waste Management. 2pp. 27441:333.

8411030751 Provides comments on montly progress rept for May 1983. Progress to date satisfactory.
LOGSDON, M. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/06/20. WILLIAMS, R. Williams & Associates. 2pp. 27443:020.

8411030754 Forwards draft background section re testing of hydrology at BWIP site.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/06/28. LOGSDON, M. Division of Waste Management. 5pp.
27443:022.

8411030758 Provides list of items needing urgent action by NRC BWIP groundwater team.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/07/27. VERMA, T. Division of Waste Management. 1p. 27441:335.

8411030763 Comments on monthly progress rept for Dec 1982. Progress to date satisfactory.
VERMA, T. R. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/01/26. WILLIAMS, R. Williams & Associates. 2pp. 27441:335.

8411030767 Seventh monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/10/28. VERMA, T. Division of Waste Management. 3pp. 27441:338.

8411030771 Forwards recommended issue rating summary & proposed cumulative & current contract costs table for Dec 1982 monthly rept. W/o costs table.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/01/14. LOGSDON, M. Division of Waste Management. 2pp.
27441:341.

8411030775 Fifth monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
82/12/13. VERMA, T. R. Division of Waste Management. 4pp.
27441:343.

8411030780 Trip rept of 821119-1206 visit to NRC in Silver Spring, MD to discuss review comments on app. site issue analyses & preparation of new site characterization analysis re Chapter 4 for hydrogeology.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
82/12/13. VERMA, T. R. Division of Waste Management. 4pp.
27441:347.

NONDOCKETED ITEMS

- 8411030786 Submits comments on Golden Assoc rept, "Technical Ltr Rept. Hydrogeologic Data Integration for Conceptual Ground Water Flow Models." Comments concern typo, error, questions re source of data & clarification of procedures. WILLIAMS, R. Williams & Associates. FIN B-7372. 82/11/18. ROWE, J. Golder Associates. 5pp. 27441:351.
- 8411030789 Discusses 821101 meeting w/NRC in Silver Spring, MD re site hydrogeology. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 82/11/11. VERMA, T.R. Division of Waste Management. 5pp. 27441:356.
- 8411030793 Fourth monthly progress rept. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 82/11/11. VERMA, T.R. Division of Waste Management. 3pp. 27441:361.
- 8411030797 Forwards marked-up draft "Technical Ltr Rept: Hydrochemistry for Flow Sys Characterization." Reconsideration of comments re transition of Hanford waters from sodium bicarbonate chloride waters to sodium chloride suggested. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 82/11/05. ROWE, J. Golder Associates. 3pp. 27442:001.
- 8411030800 Draft "Technical Ltr Rept: Hydrochemistry for Flow Sys Characterization." CHERRY, J., FEENSTRA, S. Golder Associates. FIN B-7372. NRC-02-82-044. 82/10/31. NRC - No Detailed Affiliation Given. 29pp. 27442:004.
- 8411030803 Trip rept of 820921-22 visit to NRC in Silver Spring, MD to discuss preparation of draft site characterization analysis. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 82/10/13. VERMA, T. Division of Waste Management. 4pp. 27442:033.
- 8411030808 Forwards analysis of groundwater issues dtd 821004. RALSTON, D.R., WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 82/10/15. VERMA, T.R. Division of Waste Management. 1p. 27442:037.
- 8411030810 "Groundwater Issues." * Williams & Associates. FIN B-7372. NRC-02-82-044. 82/10/04. 53pp. 27442:038.
- 8411030814 Sixth monthly progress rept. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/01/08. VERMA, T. Division of Waste Management. 4pp. 27442:091.
- 8411030817 Eleventh monthly progress rept. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/06/07. LOGSDON, M. Division of Waste Management. 4pp. 27442:095.
- 8411030822 Trip rept of 830523-25 visit to NRC in Silver Spring, MD to discuss USGS comments on BWIP site characterization rept. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/05/27. LOGSDON, M. Division of Waste Management. 2pp. 27442:099.
- 8411030825 Trip rept of 830605-06 visit to NRC in Silver Spring, MD to discuss hydrogeologic testing strategy for BWIP. WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/06/07. LOGSDON, M. Division of Waste Management. 1p. 27442:101.
- 8411030829 Notification of 830524-25 meeting w/contractors in Silver Spring, MD to prepare for hydrogeology workshop w/DOE/RHD. LOGSDON, M. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/05/18. WILLIAMS, R.E. Williams & Associates. 4pp. 27442:102.
- 8411030833 Trip rept of 840420-23 visit to NRC in Silver Spring, MD to participate in presentation of site characterization assessment to ACRS. Rept covered essence of hydrology issues & uncertainties. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/05/09. VERMA, T. Division of Waste Management. 1p. 27442:106.
- 8411030836 Provides comments based on NRC review of monthly progress rept for Apr 1983 dtd 830502. Progress to date satisfactory. LOGSDON, M.J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/05/13. WILLIAMS, R. Williams & Associates. 1p. 27442:107.
- 8411030838 Provides comments based on NRC review of monthly progress rept for Mar 1983 dtd 830405. Progress to date satisfactory. LOGSDON, M.J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/04/26. WILLIAMS, R.E. Williams & Associates. 2pp. 27442:108.
- 8411030840 Tenth monthly progress rept. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/05/02. VERMA, T. Division of Waste Management. 3pp. 27442:110.
- 8411030843 Ninth monthly progress rept. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/04/05. VERMA, T. Division of Waste Management. 3pp. 27442:113.
- 8411030845 Provides comments on document entitled "BWIP Process & Response to NRC Issue Resolution & Plan for SCP Preparation." dtd 830525. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/06/09. VERMA, T. Division of Waste Management. 9pp. 27442:116.
- 8411030849 Provides comments on monthly progress rept for Oct 1983. Review of BWIP document re slug test analysis satisfactory. LOGSDON, M.J. Repository Projects Branch (Post 831001). FIN B-7372. NRC-02-82-044. 83/11/10. WILLIAMS, R. Williams & Associates. 1p. 27442:125.
- 8411050014 "BWIP Hydrogeology," progress rept for Oct 1983. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/11/15. LOGSDON, M. Division of Waste Management. 4pp. 27441:001.
- 8411050021 Submits scenarios for preplacement travel times. BROWN, A. Affiliation Not Assigned. FIN B-7373. 84/10/15. LOGSDON, M. NRC - No Detailed Affiliation Given. ROWE, J. Golder Associates. 1p. 27441:020.
- 8411050034 "BWIP Hydrogeology," progress rept for Jul 1983. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/08/16. LOGSDON, M. Division of Waste Management. 27pp. 27441:054.
- 8411050046 Forwards S Feenstra & JA Cherry 830708 ltr presenting results of exam of hydrochemistry from Pages 20-49 of USGS review of BWIP site characterization rept. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/08/04. LOGSDON, M. Division of Waste Management. 3pp. 27441:086.
- 8411050053 Forwards draft trip rept of BWIP 830711-15 site visit. BROWN, A. Affiliation Not Assigned. FIN B-7373. 83/08/02. LOGSDON, M. NRC - No Detailed Affiliation Given. 25pp. 27441:091.
- 8411050055 "BWIP Hydrogeology-Meeting Rept on 830711-15 Workshop," Ltr 44. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/07/22. LOGSDON, M. Division of Waste Management. 7pp. 27441:116.
- 8411050056 Comments on "Performance of Engineered Barriers in Geologic Repository," monthly progress rept for Sept 1983. PITTLIGLID, C.L. Repository Projects Branch (Post 831001). FIN B-6986. NRC-02-81-027. 83/11/17. PENTZ, D. Golder Associates. 2pp. 27443:027.
- 8411050058 "BWIP Hydrogeology Meeting Rept," Ltr 38. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/07/12. LOGSDON, M. Division of Waste Management. 2pp. 27441:123.
- 8411050062 "Performance of Engineered Barriers in Geologic Repository," progress rept for Sept 1983. PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/10/28. PITTLIGLID, C.L. High Level Waste Technical Development Branch. 10pp. 27443:029.
- 8411050064 Draft "Technical Position on Possible Hydrologic Testing Strategy for BWIP Site." ROWE, J. Golder Associates. FIN B-7373. 83/06/30. LOGSDON, M. Division of Waste Management. 23pp. 27441:125.
- 8411050065 "Benchmarking of Computer Codes & Licensing Assistance," monthly ltr progress rept for Oct 1983. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/11/15. FEHRINGER, D. Division of Waste Management. 15pp. 27443:223.
- 8411050068 Forwards scenarios for groundwater flow modeling at BWIP. W/o encl. BROWN, A. Golder Associates. FIN B-7373. 82/12/17. VERMA, T. Division of Waste Management. 3pp. 27441:148.
- 8411050070 "Benchmarking of Computer Codes & Licensing Assistance," monthly rept for Mar 1983. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/04/15. FEHRINGER, D. Division of Waste Management. 17pp. 27444:077.
- 8411050071 Comments on "Performance of Engineered Barriers in Geologic Repository," monthly progress rept for Aug 1983. PITTLIGLID, C.L. Repository Projects Branch (Post 831001). FIN B-6986. NRC-02-81-027. 83/10/14. PENTZ, D. Golder Associates. 2pp. 27443:039.

NONDOCKETED ITEMS

405

- 8411050075 Provides outline of findings & observations re possible causes of discrepancies between predicted & observed effects of repository designs on field measurements. Measurements based on 831005 discussions re computer codes. LAMB, D.W. Acres American, Inc. FIN B-6985. 83/11/03. GREEVES, J. Division of Waste Management. 6pp. 27443:240.
- 8411050076 Forwards, for review, draft rept "Benchmark Problems for Radiological Assessment Codes." w/o encl. MILLS, M.T. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/04/11. FEHRINGER, D. Division of Waste Management. 1pp. 27444:094.
- 8411050079 "Performance of Engineered Barriers in Geologic Repository," progress rept for Aug 1983. PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/09/30. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 10pp. 27443:041.
- 8411050080 Forwards draft "Travel Times from Repository in Hanford Basalt." ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/02/28. VERMA, T.R. Division of Waste Management. 1p. 27441:151.
- 8411050085 Draft "Travel Times from Repository in Hanford Basalt." * Golder Associates. FIN B-7373. NRC-02-82-045. 83/02/28. NRC - No Detailed Affiliation Given. 71pp. 27441:152.
- 8411050081 Provides comments on how to improve & extend use of draft rept. "Summary of Computer Codes for Waste Package Performance Assessment," for other contractors. FEHRINGER, D.J. Repository Projects Branch (Post 831001). FIN B-6985. NRC-02-81-026. 83/10/28. VOGT, D.K. Teknekron, Inc. 2pp. 27443:246.
- 8411050082 "Benchmarking of Computer Codes & Licensing Assistance," monthly progress rept for Feb 1983. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/03/15. FEHRINGER, D. Division of Waste Management. 2pp. 27444:105.
- 8411050086 Forwards "Analysis of BWIP Site Modeling," final rept. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/03/10. FEHRINGER, D. Division of Waste Management. 1p. 27444:127.
- 8411050093 "Analysis of BWIP Site Modeling," final rept. LESTER, B., THOMAS, S.D. Geotrans, Inc. FIN B-6985. NRC-02-81-026. 83/03/09. 87pp. 27444:128.
- 8411050089 Responds to 830909 telefax re Sandia error diagnosis for Golder SWIFT simulation of 3D shaft problem. No need exists to rerun problems if Sandia assumes description of events accurate. POETER, E. Golder Associates. FIN B-6986. NRC-02-81-027. 83/09/20. LOGSDON, M. Division of Waste Management. 2pp. 27443:051.
- 8411050091 Comments on DOE 830421-22 presentation in Washington, DC to ACRS re BWIP hydrogeology. Concerns listed. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/04/29. LOGSDON, M. Division of Waste Management. 2pp. 27441:223.
- 8411050096 Comments on potential mud loss from exploratory shaft & effects such loss might have on measurement of hydrogeologic properties. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/04/29. LOGSDON, M. NRC - No Detailed Affiliation Given. 5pp. 27441:225.
- 8411050099 Comments on "Performance of Engineered Barriers in Geologic Repository," monthly progress rept for June/Jul 1983. PITTIGLIO, C.L. High Level Waste Technical Development Branch. FIN B-6986. NRC-02-81-027. 83/08/30. PENTZ, D. Golder Associates. 2pp. 27443:053.
- 8411050103 Forwards trial code summary for code SAP. Code undergoing internal review at Acres. Final rept due by 830731. VOGT, D.K. Teknekron, Inc. FIN B-6985. 83/02/22. FEHRINGER, D. Division of Waste Management. 13pp. 27444:211.
- 8411050104 "Benchmarking of Computer Codes & Licensing Assistance," monthly progress rept for Jan 1983. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/02/05. FEHRINGER, D. Division of Waste Management. 24pp. 27444:224.
- 8411050113 "BWIP Hydrogeology," rept of 830307-08 meetings w/Williams & Assoc & Geotrans in Silver Spring, MD. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/03/17. VERMA, T.R. Division of Waste Management. 10pp. 27441:230.
- 8411050116 Provides info on rept. "Drilling & Preparation of Reusable Long-Range Horizontal Boreholes in Rock & Gauge." Section 7 of rept dealing w/state-of-the-art encl. LAMB, D.W. Acres American, Inc. FIN B-6985. 83/01/20. GREEVES, J. Division of Waste Management. 3pp. 27444:248.
- 8411050117 "BWIP Hydrogeology," rept of 821129-1206 meeting in Silver Spring, MD. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/12/14. VERMA, T.R. Division of Waste Management. 2pp. 27441:240.
- 8411050121 Submits calculation of vertical groundwater travel water time through single & two-layer sys. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/12/13. LOGSDON, M. NRC - No Detailed Affiliation Given. 3pp. 27441:242.
- 8411050123 Monthly progress rept for Dec 1982 re mgt summary of major accomplishments on Tasks 1, 3, 7 & 8. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/01/14. FEHRINGER, D. Division of Waste Management. 13pp. 27444:251.
- 8411050126 "NRC/BWIP Hydrogeology," progress rept for Nov 1982. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/12/15. VERMA, T.R. Division of Waste Management. 6pp. 27441:245.
- 8411050127 "Performance of Engineered Barriers in Geologic Repository," progress rept for June/Jul 1983. PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/08/13. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 12pp. 27443:055.
- 8411050130 "Benchmarking of Computer Codes of & Licensing Assistance," monthly progress rept for Aug 1983. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/09/15. FEHRINGER, D. Division of Waste Management. 16pp. 27443:269.
- 8411050133 "BWIP Hydrogeology," rept of 821116 meeting w/NRC in Silver Spring, MD re aspects of site characterization rept. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/11/18. VERMA, T.R. Division of Waste Management. 2pp. 27441:251.
- 8411050136 "Performance of Engineered Barriers in Geologic Repository," progress rept for May 1983. PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/06/20. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 4pp. 27443:067.
- 8411050139 Discusses failure made involving formation of wrinkle or ridge in Ticode-12 overpack & underlying carbon steel structural member. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/09/12. FEHRINGER, D. Division of Waste Management. 4pp. 27443:285.
- 8411050143 "Benchmarking of Computer Codes & Licensing Assistance," monthly rept for Jul 1983. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/08/15. FEHRINGER, D. Division of Waste Management. 34pp. 27443:289.
- 8411050148 Provides criteria used to select codes for benchmarking. LAMB, D.W. Acres American, Inc. FIN B-6985. NRC-02-81-026. 83/07/22. FEHRINGER, D. Division of Waste Management. 4pp. 27443:323.
- 8411050153 "Benchmarking of Computer Codes & Licensing Assistance," monthly rept for June 1983. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/07/15. FEHRINGER, D. Division of Waste Management. 14pp. 27443:327.
- 8411050155 Forwards status of 3-D shaft analyses for BWIP site, per 830426 conference call. PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/05/06. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 13pp. 27443:078.
- 8411050160 Forwards for review & comment, outline of benchmark problem rept for repository design codes. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/07/05. FEHRINGER, D. Division of Waste Management. 8pp. 27443:341.
- 8411050163 "NRC/BWIP Hydrogeology," progress rept for Oct 1982. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/11/10. VERMA, T.R. Division of Waste Management. 5pp. 27441:253.
- 8411050164 Discusses groundwater chemistry in site characterization rept. JONES, B.G. Geotrans, Inc. FIN B-6985-2. 83/01/14. VOGT, D.K. Geotrans, Inc. 4pp. 27444:264.

NONDOCKETED ITEMS

- 8411050165 "Performance of Engineered Barriers in Geologic Repository," progress rept for Apr 1983.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/03/31. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 4pp. 27443:091.
- 8411050166 Forwards draft of code summaries for BETA Code. Comments requested within 1 wk so code can be included in 830729 final submittal.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/06/28. FEHRINGER, D. Division of Waste Management. 12pp. 27443:349.
- 8411050169 Forwards four addl draft site issue analyses for BWIP. Issues identical to those given during 821101-03 meetings in Silver Spring, MD.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/11/05. VERMA, T. High Level Waste Technical Development Branch. 2pp. 27441:258.
- 8411050171 Forwards, for review, list of 10CFR60 requirements addressed by repository design codes, per D Vagt request.
LAHR, D.W. Acres American, Inc. FIN B-6985. NRC-02-81-026. 83/06/23. FEHRINGER, D. Division of Waste Management. 4pp. 27443:361.
- 8411050172 Confirms NRC request that work commence on repository design codes under present contract, concentrating on heat transport & geochemical codes. Suggests that GeoTrans serve consulting & review role.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/12/22. MERCER, J. Geotrans, Inc. 2pp. 27444:268.
- 8411050173 Submits estimated parameter ranges for flow tube models, per NRC request.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/11/10. VERMA, T.R. Division of Waste Management. 13pp. 27441:260.
- 8411050174 "Performance of Engineered Barriers in Geologic Repository," progress rept for Mar 1983.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/04/20. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 4pp. 27443:095.
- 8411050177 Forwards comments on summary rept for repository design codes & addl summaries for TENSOR & TRUMP. Marked-up copies of TENSOR & TRUMP summaries also encl. w/o summaries.
FEHRINGER, D.J. High Level Waste Licensing Management Branch. FIN B-6985. 83/06/22. VOGT, D.K. Teknekron, Inc. 4pp. 27444:003.
- 8411050178 "Benchmarking of Computer Codes & Licensing Assistance," monthly progress rept for Nov 1982.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/12/15. FEHRINGER, D. Division of Waste Management. 4pp. 27444:270.
- 8411050180 "BWIP Hydrogeology," rept of 821101-03 meeting w/NRC in Silver Spring, MD re draft site characterization assesment, site issue analyses & mock-up Chapter 4 of site characterization assess.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/11/05. VERMA, T. High Level Waste Technical Development Branch. 2pp. 27441:273.
- 8411050185 "Benchmarking of Computer Codes & Licensing Assistance," monthly rept for May 1983.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/06/15. FEHRINGER, D. Division of Waste Management. 11pp. 27444:007.
- 8411050189 Forwards review of draft preliminary summary site issue analyses. W/o encl.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/10/22. VERMA, T.R. Division of Waste Management. 1p. 27441:275.
- 8411050190 Recommends that source term code ORIGEN be benchmarked from first subtype area, based on draft rept, "Summary of Computer Codes for Radiological Assessment." W/o stated encls.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/12/15. FEHRINGER, D. Division of Waste Management. 1p. 27444:274.
- 8411050193 Forwards, for review & comment, summaries for codes TENSOR & TRUMP.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/06/08. FEHRINGER, D. Division of Waste Management. 19pp. 27444:018.
- Discusses review of 830323 draft outline of final rept for position evaluation & criteria development. Draft by complete & addl work continuing on Mod 4 ing revised conceptual design.
C.L. High Level Waste Technical Development Branch. FIN 8C-02-81-027. 83/04/06. PENTZ, D. Golder Associates. 3:102.
- 8411050197 Forwards info re waste package section of site characterization rept focusing on thermal & mechanical design of waste package.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/12/03. FEHRINGER, D. Division of Waste Management. 15pp. 27444:275.
- 8411050200 Requests meeting to review encl list of alloys identified as candidate for high level radwaste packages for completeness & prioritization.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/06/01. FEHRINGER, D. Division of Waste Management. 2pp. 27444:037.
- 8411050206 Forwards comments on May 1983 draft technical position on waste package reliability. Rept provided good documentation of general approach for analysis.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/05/26. FEHRINGER, D. Division of Waste Management. 4pp. 27444:039.
- 8411050207 "Benchmarking of Computer Codes & Licensing Assistance," monthly progress rept for Oct 1982.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/11/15. FEHRINGER, D. Division of Waste Management. 16pp. 27444:290.
- 8411050211 "NRC/BWIP Hydrogeology," progress rept for Sept 1982.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/10/15. VERMA, T.R. Division of Waste Management. 9pp. 27441:276.
- 8411050213 "Benchmarking of Computer Codes & Licensing Assistance," monthly rept for Apr 1983.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/05/13. FEHRINGER, D. Division of Waste Management. 15pp. 27444:043.
- 8411050215 Notifies of two groundwater models omitted from Jul 1982 NUREG/CR-2782, "Summary of Repository Siting Models."
BAIN, A.T. Gannett Fleming Environmental Engineers, Inc. FIN B-6985. 82/11/04. SILLIO, S. Division of Waste Management. 3pp. 27444:306.
- 8411050219 Forwards comments on factual content of DOE site characterization rept for BWIP.
BROWN, A. Golder Associates. FIN B-7373. NRC-02-82-045. 83/01/18. VERMA, T. Division of Waste Management. 14pp. 27441:285.
- 8411050222 Forwards ltr rept reviewing potential structural & mechanical failure modes of high level waste package. Rept includes outline of methods used to analyze waste package performance.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/04/19. FEHRINGER, D. Division of Waste Management. 19pp. 27444:058.
- 8411050224 "Performance of Engineered Barriers in Geologic Repository," progress rept for Feb 1983.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/03/31. PITTIGLIO, C. Division of Waste Management. 16pp. 27443:104.
- 8411050229 Discusses evaluation of skin effect in slug tests.
FAUST, C.R. Geotrans, Inc. FIN B-6985-2. 82/10/27. VERMA, T.R. Geotrans, Inc. 14pp. 27444:309.
- 8411050238 Forwards draft annotated outline of final rept for Task 5, "Position Evaluation & Criteria Development."
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/03/23. PITTIGLIO, C.L. Division of Waste Management. 7pp. 27443:120.
- 8411050239 Discusses correction of measured heads for temp & pressure effects.
ROSS, B.I., THOMAS, S.D., FAUST, C.R. Geotrans, Inc. FIN B-6985. 82/10/25. Geotrans, Inc. 28pp. 27444:323.
- 8411050249 Forwards comments on draft final Task 4 rept, "Evaluation of Engineered Barrier Design & Performance in Underground Basalt Repository."
PITTIGLIO, C.L. High Level Waste Technical Development Branch. FIN B-6986. NRC-02-81-027. 83/03/14. PENTZ, D. Golder Associates. 5pp. 27443:127.
- 8411050254 "Benchmarking of Computer Codes & Licensing Assistance," monthly progress rept for Sept 1982.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/10/15. FEHRINGER, D. Division of Waste Management. 10pp. 27444:351.
- 8411050255 "Performance of Engineered Barriers in Geologic Repository," progress rept for Jan 1983.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/02/22. PITTIGLIO, C. High Level Waste Technical Development Branch. 6pp. 27443:132.

NONDOCKETED ITEMS

407

8411050265 Forwards draft rept on Nevada Waste Site Investigation based on 830124-27 design workshop. Comments requested.
PENTZ, D. Golder Associates. FIN B-6986. NRC-02-81-027. 83/02/18.
GREEVES, J. Division of Waste Management. 6pp. 27443:138.

8411050275 Forwards comments on "Performance of Engineered Barriers in Basalt Repository." Document requires clear & concise summary which highlights important factors.
TALBOT, R. Golder Associates. FIN B-6986. 83/02/01. PITTIOLIO, C.L.
NRC - No Detailed Affiliation Given. 7pp. 27443:144.

8411050282 "Performance of Engineered Barriers in Geologic Repository." progress rept for Dec 1982.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
83/01/24. PITTIOLIO, C.L. High Level Waste Technical Development Branch. 7pp. 27443:151.

8411050293 Comments on "Performance of Engineered Barriers in Geologic Repository." monthly progress rept for Nov 1982.
PITTIOLIO, C.L. High Level Waste Technical Development Branch. FIN B-6986. NRC-02-81-027. 83/01/17. PENTZ, D. Golder Associates. 2pp. 27443:156.

8411050299 "Performance of Engineered Barriers in Geologic Repository." progress rept for Nov 1982.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
82/12/27. PITTIOLIO, C.L. High Level Waste Technical Development Branch. 4pp. 27443:158.

8411050305 "Performance of Engineered Barriers in Geologic Repository." progress rept for Oct 1982.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
82/11/23. PITTIOLIO, C.L. High Level Waste Technical Development Branch. 12pp. 27443:162.

8411050323 Comments on "Performance of Engineered Barriers in Geologic Repository." monthly progress rept for Sept 1982.
PITTIOLIO, C.L. High Level Waste Technical Development Branch. FIN B-6986. NRC-02-81-027. 82/11/09. PENTZ, D. Golder Associates. 2pp. 27443:174.

8411050331 Provides estimates for guidance in assessment work involved to document & review state-of-the-art in "Performance of Engineered Barriers in Geologic Repository Critique & Summary of Radionuclides Solubility."
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
82/11/05. PITTIOLIO, C.L. High Level Waste Technical Development Branch. 3pp. 27443:176.

8411050341 "Performance of Engineered Barriers in Geologic Repository Task 4 Progress Rept Evaluation of Underground Facility Design & Performance."
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
82/11/02. PITTIOLIO, C.L. High Level Waste Technical Development Branch. 11pp. 27443:179.

8411050357 Forwards revised supplemental effort document re impact of repository design alterations at BWIP site. Rev reflects NRC recommendations for adjustment of scope & cost.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
82/10/28. FIELDS, J. Division of Contracts. 10pp. 27443:190.

8411050366 Provides support for DOE effort in directing studies at Nevada Test Site towards locating repository in vadose unsaturated zone. Further work on tuff should be limited to qualitative review of site conditions.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
82/10/26. PITTIOLIO, C.L. High Level Waste Technical Development Branch. 3pp. 27443:200.

8411050371 Forwards minutes of 820917-18 preparation meeting for BWIP design workshop, per agreement during meeting.
PITTIOLIO, C.L. High Level Waste Technical Development Branch. FIN B-6986. NRC-02-81-027. 82/10/19. PENTZ, D. Golder Associates. 3pp. 27443:203.

--8411050378 Forwards comments on "Evaluation of Underground Facility Design & Performance." Task 4 progress rept.
KNAPP, M.R. High Level Waste Licensing Management Branch. FIN B-6986. 82/09/17. GREEVES, J.T. High Level Waste Technical Development Branch. 10pp. 27443:206.

8411050385 "Performance of Engineered Barriers in Geologic Repository." progress rept for Sept 1982.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
82/10/18. PITTIOLIO, C.L. High Level Waste Technical Development Branch. 9pp. 27443:216.

8411050478 "Assessment of Waste Retrieval Alternatives." progress rept for Sept 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/10/24. TIKTINSKY, D. High Level Waste Technical Development Branch. 4pp. 27445:273.

8411050480 "Assessment of Waste Retrieval Alternatives." progress rept for Aug 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/09/13. TIKTINSKY, D. High Level Waste Technical Development Branch. 4pp. 27445:277.

8411050485 "Assessment of Waste Retrieval Alternatives." ltr rept of Task 2. Work Order 4. Sixth Intl Symposium on Salt held 830524-28 in Toronto, Ontario, Canada.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/08/26. TIKTINSKY, D. High Level Waste Technical Development Branch. 12pp. 27445:281.

8411050487 "Assessment of Waste Retrieval Alternatives." progress rept for Jul 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/08/19. TIKTINSKY, D. High Level Waste Technical Development Branch. 4pp. 27445:293.

8411050488 "Assessment of Waste Retrieval Alternatives." progress rept for June 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/07/22. TIKTINSKY, D. High Level Waste Technical Development Branch. 4pp. 27445:297.

8411050492 "Assessment of Waste Retrieval Alternatives." progress rept for May 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/06/21. CHASE, L. High Level Waste Technical Development Branch. 4pp. 27445:301.

8411050496 Comments on 830419 & 20 DOE/DNWI/NRC Salt Workshop in Columbus, OH.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/06/15. CHASE, L. High Level Waste Technical Development Branch. 7pp. 27445:305.

8411050499 Provides interpretations & findings re NRC 830518 comments on draft final rept of "Assessment of Waste Retrieval Alternatives."
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/06/10. CHASE, L. High Level Waste Technical Development Branch. 2pp. 27445:312.

8411050501 Reviews monthly progress rept for Apr 1983, "Assessment of Waste Retrieval Alternatives." Progress satisfactory.
CHASE, L. High Level Waste Technical Development Branch. FIN B-7327.
NRC-02-82-031. 83/06/08. KENDORSKI, F. Engineers International, Inc. 2pp. 27445:314.

8411050503 "Assessment of Waste Retrieval Alternatives." progress rept for Apr 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/05/20. CHASE, L. High Level Waste Technical Development Branch. 6pp. 27445:316.

8411050506 Comments on Engineers Intl 830506 ltr rept re retrievability. Retrieval of hot backfill not demonstrated & may require extensive equipment development.
ZURFLUEH, E.G. Division of Health, Siting & Waste Management. FIN B-7327. 83/05/18. CHASE, L. High Level Waste Technical Development Branch. 2pp. 27445:322.

8411050508 Forwards comments on draft final rept, "Assessment of Waste Retrieval Alternatives." for consideration while preparing final rept.
CHASE, L. High Level Waste Technical Development Branch. FIN B-7327.
NRC-02-82-031. 83/05/18. KENDORSKI, F.S. Engineers International, Inc. 8pp. 27445:324.

8411050514 Comments on ltr rept re natl waste terminal storage retrievability position. NRC intends for DOE to have considerable flexibility in design of repository while maintaining option to retrieve wastes.
REHFELDT, W.R. High Level Waste Technical Development Branch. FIN B-7327. NRC-02-82-031. 83/05/18. CHASE, L. High Level Waste Technical Development Branch. 2pp. 27445:332.

8411050517 Provides review of natl waste terminal storage program position on retrievability.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/05/06. CHASE, L. High Level Waste Technical Development Branch. 11pp. 27445:334.

NONDOCKETED ITEMS

- 8411050520 Discusses review of Mar 1983 monthly progress rept, "Assessment Waste Retrieval Alternatives," CHASE, L. High Level Waste Technical Development Branch. FIN B-7327. NRC-02-82-031. 83/05/05. KENDORSKI, F. Engineers International, Inc. 2pp. 27445:345.
- 8411050523 "Assessment of Waste Retrieval Alternatives," progress rept for Mar 1983. KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 83/04/19. CHASE, L. High Level Waste Technical Development Branch. 5pp. 27445:347.
- 8411050525 "Assessment of Waste Retrieval Alternatives," progress rept for Feb 1983. KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 83/03/18. CHASE, L. High Level Waste Technical Development Branch. 7pp. 27445:352.
- 8411050527 Reviews monthly progress rept for Jan 1983. Description of work accomplished represents acceptable performance. CHASE, L. High Level Waste Technical Development Branch. FIN B-7327. NRC-02-81-031. 83/03/10. KENDORSKI, F. Engineers International, Inc. 2pp. 27445:359.
- 8411050528 "Nevada Test Site Visit 820517-20," 1tr rept. * Golder Associates. FIN B-7368. NRC-02-82-042. 82/06/30. 150pp. 27445:011.
- 8411050529 "Assessment of Waste Retrieval Alternatives," progress rept for Jan 1983. KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 83/02/18. CHASE, L. High Level Waste Technical Development Branch. 6pp. 27445:361.
- 8411050530 Ack receipt of monthly progress rept for Sept 1983. Progress made under terms of contract satisfactory. POHLE, J. A. Geotechnical Branch (Post 831001). FIN B-7378. 83/10/25. ROSS, B. I. Geotrans, Inc. 1p. 27445:132.
- 8411050531 Suggests that technical review meeting re retrievability of waste from repositories in salt & tuff be held on 830221. Proposed agenda also presented. KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 83/02/03. CHASE, L. High Level Waste Technical Development Branch. 2pp. 27446:006.
- 8411050532 Trip rept of 840920-21 attendance at Nevada Nuclear Waste Site Investigations Hydrogeology Workshop in Denver, CO. Trip to groundwater discharge points re Nevada Test Site groundwater sys on 840922-23 also discussed. ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/09/29. POHLE, J. Division of Waste Management. 6pp. 27445:133.
- 8411050533 Submits 1tr rept on Task 2, Work Order 1 re effect of high horizontal stress & consequent elliptical opening design contemplated for BWIP. KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 83/01/27. CHASE, L. High Level Waste Technical Development Branch. 10pp. 27446:008.
- 8411050535 "Hydrogeology of Nevada Test Site, Project D," monthly progress rept for Aug 1983. ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/09/13. POHLE, J. A. Division of Waste Management. 2pp. 27445:139.
- 8411050536 "Assessment of Waste Retrieval Alternatives," progress rept for Dec 1982. KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 83/01/14. CHASE, L. High Level Waste Technical Development Branch. 5pp. 27446:018.
- 8411050538 Requests clarification from NRC re possible conflict of interest concerning Geotrans short course on safety high level radwaste disposal. ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/09/13. POHLE, J. A. Division of Waste Management. 1p. 27445:141.
- 8411050539 "Assessment of Waste Retrieval Alternatives," progress rept for Nov 1982. KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 82/12/17. CHASE, L. High Level Waste Technical Development Branch. 4pp. 27446:023.
- 8411050541 "Assessment of Waste Retrieval Alternatives," progress rept for Oct 1982. KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 82/11/19. CHASE, L. High Level Waste Technical Development Branch. 6pp. 27446:027.
- 8411050542 "Hydrogeology of Nevada Test Site, Project D," monthly progress rept for Jul 1983. ROSS, B. Geotrans, Inc. NRC-02-82-047. 83/08/09. POHLE, J. A. Division of Waste Management. 2pp. 27445:142.
- 8411050544 Forwards discussion questions for use in preparing agenda for hydrogeology workshop, per request. ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/09/09. POHLE, J. A. NRC - No Detailed Affiliation Given. 2pp. 27445:144.
- 8411050545 Forwards summary of agreements & conclusions reached at 820916 & 17 meetings w/Engineers Intl, Inc in Silver Spring, MD re aspects of work performed under contract, "Assessment of Waste Retrieval Alternatives." CHASE, L. High Level Waste Technical Development Branch. FIN B-7327. NRC-02-08-031. 82/10/29. KENDORSKI, F. Engineers International, Inc. 9pp. 27446:033.
- 8411050548 "Assessment of Waste Retrieval Alternatives," progress rept for Sept 1982. KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 82/10/19. CHASE, L. High Level Waste Technical Development Branch. 8pp. 27446:042.
- 8411050555 Forwards comments in response to Peterson 840829 memo re Dow DNS-RSS-200 on processing & solidifying low level wet radwastes utilizing vinyl ester polymer process. Process same as identified in earlier rept. GAMMILL, W. P. Meteorology & Effluent Treatment Branch. 84/10/24. PETERSON, C. H. Engineering Branch (Post 831001). 2pp. 27405:016.
- 8411060001 Discusses 830920-21 trip to Golden, CO re Nevada Nuclear Waste Site Investigations hydrology briefing. Format for proposed DOE/NRC workshop on hydrogeology of unsaturated zone investigations suggested. MIFFLIN, M. D. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/11/07. POHLE, J. Division of Waste Management. 13pp. 27446:050.
- 8411060003 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C," monthly progress rept for Oct 1983. WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/11/02. POHLE, J. Division of Waste Management. 2pp. 27446:063.
- 8411060004 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C," monthly progress rept for Sept 1983. WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/10/05. POHLE, J. Division of Waste Management. 4pp. 27446:066.
- 8411060007 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C," monthly progress rept for Aug 1983. WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/09/06. POHLE, J. Division of Waste Management. 4pp. 27446:070.
- 8411060008 Submits questions for 830919-21 meeting in Denver, CO in response to request. WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/09/06. POHLE, J. Division of Waste Management. 1p. 27446:074.
- 8411060010 Provides questions for discussion at DOE/NRC 830919-21 Hydrogeology Workshop in Denver, CO, in response to request. EL-ZEFTAWY, A. Affiliation Not Assigned. FIN B-7377. 83/09/07. POHLE, J. Division of Waste Management. 3pp. 27446:075.
- 8411060012 Provides trip rept of 830826 pre-workshop meeting. Followup on questions for 830920-21 workshop in Denver, CO also provided. MIFFLIN, M. D. Affiliation Not Assigned. FIN B-7377. 83/09/07. POHLE, J. Division of Waste Management. 3pp. 27446:078.
- 8411060014 Provides trip rept of 840826 pre-hydrology workshop meeting in Washington, DC re finalization of staff technical position & 840919-21 workshop agenda. Questions for discussion at workshop listed. WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/09/01. POHLE, J. Division of Waste Management. 3pp. 27446:081.
- 8411060018 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C," monthly progress rept for Jul 1983. WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/08/08. POHLE, J. Division of Waste Management. 3pp. 27446:084.
- 8411060019 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C," monthly progress rept for June 1983. WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/07/06. POHLE, J. Division of Waste Management. 2pp. 27446:087.

NONDOCKETED ITEMS

409

8411060023 Submits addl suggestion re hydrogeochemical & isotope hydrology to be included w/suggested staff technical positions. Use of hydrogeochemical data in complex environs has become more refined & useful in recent yrs.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046.
83/06/20. POHLE, J. A. Division of Waste Management. 1p. 27446:089.

8411060024 Advises that characterization of unsaturated zone in Yucca Mountain, determination of flow paths & travel times in saturated zone & impact of climate change constitute three areas which warrant addl staff positions.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046.
83/06/17. POHLE, J. A. Division of Waste Management. 2pp. 27446:090.

8411060028 Forwards draft list of technical questions re groundwater at Nevada Nuclear Waste Site Investigations. Questions should serve as basis of first site technical position.
POHLE, J. A. High Level Waste Technical Development Branch. FIN B-7377. NRC-02-82-046. 83/05/09. WILLIAMS, R. E. Williams & Associates. 11pp. 27446:092.

8411060031 Submits trip rept of 830304 & 05 field reconnaissance level site visit of principle discharge area of Nevada Test Site carbonate rock aquifer sys & insp of eastern perimeter of postulated flow sys.
MIFFLIN, M. D. Williams & Associates. FIN B-7377. NRC-02-82-046.
83/04/05. POHLE, J. A. Division of Waste Management. 6pp. 27446:103.

8411060035 Forwards outline covering data on boundary conditions.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046.
83/04/04. POHLE, J. A. Division of Waste Management. 11pp. 27446:109.

8411060038 Submits trip rept of 830314-15 post-workshop hydrogeology meeting in Silver Spring, MD. Draft outline re staff position paper on Nevada Nuclear Waste Site Investigations will be prepared by 830404.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046.
83/05/23. POHLE, J. A. Division of Waste Management. 2pp. 27446:120.

8411060042 Forwards "Principles of Flow in Unsaturated Zone in Ref to Yucca Mountain Repository." Lack of discussion re testing procedures for type of unsaturated zone of concern.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046.
83/03/11. POHLE, J. A. High Level Waste Technical Development Branch. 1p. 27446:122.

--8411060044 "Principles of Flow in Unsaturated Zone in Ref to Yucca Mountain Repository."
EL-ZEFTAWY, A. Williams & Associates. FIN B-7377. NRC-03/31. NRC
- No Detailed Affiliation Given. 24pp. 27446:123.

8411060046 Submits trip rept of 830117-20 NRC/DOE Hydrogeology Workshop. Issues developed during workshop listed.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046.
83/02/08. VERMA, T. Division of Waste Management. 6pp. 27446:147.

8411060048 Submits trip rept of 830126-28 visit to Denver Federal Ctr, Denver, CO re review of data for Nevada Test Site concerning potential high level radwaste repository.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. 83/01/31.
VERMA, T. Division of Waste Management. 2pp. 27446:153.

8411060053 Discusses review of 830609 ltr which elaborates discussion of joint effort between Geotrans & Williams & Assoc to prepare analysis of conceptual models of variably saturated zone at Nevada Nuclear Waste Site Investigations.
POHLE, J. A. High Level Waste Technical Development Branch. FIN B-7378-2. 83/07/07. MERCER, J. W. Geotrans, Inc. 2pp. 27445:146.

8411060056 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for June 1983.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/07/06.
POHLE, J. A. Division of Waste Management. 3pp. 27445:148.

8411060059 Forwards draft review of Sandia scenarios rept.
ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/06/27. POHLE, J. A. Division of Waste Management. 1p. 27445:151.

--8411060067 Draft review of "Scenarios for Consequence Assessments of Radwaste Repositories of Yucca Mountain, Nevada Test Site." Technical value overestimated.
AUGUST, L. ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/06/24. NRC
- No Detailed Affiliation Given. 3pp. 27445:152.

8411060071 Comments on paper entitled, "Weighting of Observed Heads for Inverse Problem," in response to 830525 request.
POHLE, J. A. High Level Waste Technical Development Branch. FIN B-7378-2. 83/06/21. ROSS, B. I. Geotrans, Inc. 2pp. 27445:157.

8411060074 Forwards "Introduction to SATURN Two-Dimensional Finite Element Code for Simulating Saturated-Unsaturated Flow & Radio-Nuclide Transport." Outlines effort between Geotran & Williams & Assoc to produce paper on Yucca Mountain.
MERCER, J. W. Geotrans, Inc. FIN B-7378-2. 83/06/09. POHLE, J. A. Division of Waste Management. 2pp. 27445:159.

--8411060077 "Introduction to SATURN Two-Dimensional Finite Element Code for Simulating Saturated-Unsaturated Flow & Radio-Nuclide Transport."
HUYAKORN, P. S., LESTER, B. H. Geotrans, Inc. FIN B-7378-2. 83/02/28. 26pp. 27445:161.

8411060089 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for May 1983.
ROSS, B. Geotrans, Inc. FIN B-7378. 83/06/06. POHLE, J. A. Division of Waste Management. 3pp. 27445:187.

8411060091 Provides list of topics appropriate for detailed site technical positions.
ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/05/31. POHLE, J. A. Division of Waste Management. 1p. 27445:190.

8411060092 Forwards abstract entitled, "Weighting of Observed Heads for Inverse Problem," for submission to Water Resources Research. Requests permission to publish paper.
ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/05/25. POHLE, J. A. Division of Waste Management. 1p. 27445:191.

--8411060095 Abstract entitled "Weighting of Observed Heads for Inverse Problem."
ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/05/25. 12pp. 27445:192.

8411060102 Forwards comments on draft Nevada Nuclear Waste Site Investigations groundwater issues & draft site technical position, in response to 830509 request.
ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/05/19. POHLE, J. A. Division of Waste Management. 18pp. 27445:204.

8411060109 Requests comments on encl questions re groundwater at Nevada Nuclear Waste Site Investigations & draft site technical position based on guidance presented.
POHLE, J. A. High Level Waste Technical Development Branch. FIN B-7378-2. 83/05/09. ROSS, B. I. Geotrans, Inc. 11pp. 27445:222.

8411060114 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Apr 1983.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/05/02.
POHLE, J. A. Division of Waste Management. 4pp. 27445:233.

8411060119 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Mar 1983.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/04/04.
POHLE, J. A. Division of Waste Management. 2pp. 27445:237.

8411060125 Discusses Feb 1983 monthly rept & 830304-05 trip rept re groundwater discharge areas near Nevada Test Site. Progress under terms of contract satisfactory. Assistance requested in preparing hydrogeology characterization analysis.
POHLE, J. A. High Level Waste Technical Development Branch. FIN B-7378-2. NRC-02-82-047. 83/03/23. ROSS, B. I. Geotrans, Inc. 2pp. 27445:239.

8411060138 Summarizes 830314 & 15 post-workshop hydrogeology meeting re development of staff technical position on Nevada Nuclear Waste Site Investigations.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/03/16.
POHLE, J. A. Division of Waste Management. 1p. 27445:241.

8411060143 Discusses 830304 & 05 visit to groundwater discharge areas near Nevada Test Site.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/03/11.
POHLE, J. A. Division of Waste Management. 2pp. 27445:242.

8411060147 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Feb 1983.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/03/09.
POHLE, J. A. Division of Waste Management. 3pp. 27445:244.

8411060151 Requests that BI Ross join Mifflin & Elzeftaway of Williams & Assoc, Inc on 830304 site insp of Alkali Flat/Ash Meadows groundwater discharge areas south of Nevada Test Site.
POHLE, J. A. High Level Waste Technical Development Branch. FIN B-7378-2. NRC-02-82-047. 83/03/03. ROSS, B. I. Geotrans, Inc. 2pp. 27445:247.

NONDOCKETED ITEMS

- 8411060155 Discusses monthly progress rept for Jan 1983. Work in Feb will focus on mechanisms for movement of water containments in unsaturated zone. Forwards Univ of Arizona final rept of studies in same area. W/o rept.
VERMA, T. High Level Waste Technical Development Branch. FIN B-7378-2. NRC-02-82-047. 83/02/14. ROSS, B. I. Geotrans, Inc. 2pp. 27445:249.
- 8411060164 Forwards draft trip rept covering 830117-19, 20 & 27-28 meetings in Denver, CO re Nevada Nuclear Waste Site Investigations hydrogeology workshop.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/02/07. POHLE, J. A. Division of Waste Management. 11pp. 27445:251.
- 8411060169 "Hydrogeology of Nevada Test Site, Project D," monthly progress rept for Jan 1983.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/02/03. POHLE, J. A. Division of Waste Management. 5pp. 27445:262.
- 8411060172 Forwards M Anderson review article re transport processes & data, including methods for determining effective porosity in saturated zone.
MERCER, J. W. Geotrans, Inc. FIN B-7378-2. 83/02/02. VERMA, T. Division of Waste Management. 3pp. 27445:267.
- 8411060182 "Hydrogeology of Nevada Test Site, Project D," monthly progress rept for Dec 1982.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/01/04. VERMA, T. R. Division of Waste Management. 2pp. 27445:270.
- 8411060189 "Hydrogeology of Nevada Test Site, Project D," monthly progress rept for Oct 1982.
ROSS, B. I. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 82/11/04. VERMA, T. R. Division of Waste Management. 1p. 27445:272.
- 8411060218 Third monthly progress rept for Feb 1984.
WINTER, G. Williams & Associates. FIN B-7389. NRC-02-83-033. 84/02/29. COOKE, B. Division of Waste Management. 12pp. 27449:089.
- 8411060256 Submits review of NRC memo re harmonic mean & flow parameters for frequency div multiplex groundwater models. Use of arithmetic mean most accurate method of calculating interface transmissibility.
POETER, E. Golder Associates. FIN B-7373. NRC-02-82-045. 84/01/20. GORDON, M. Division of Waste Management. 3pp. 27449:101.
- 8411060272 "Reviewing Hydrogeologic Investigations of BWIP, Project B," monthly progress rept for Jan 1984.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/02/14. GORDON, M. Division of Waste Management. 5pp. 27449:104.
- 8411060317 Submits review of SD-BWI-TI-136, "Results & Evaluation of Experimental Vertical Hydraulic Conductivity Testing at Boreholes DC-4 & DC-5." Document does not represent valid use of ratio method for determining vertical permeability.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/02/14. GORDON, M. Division of Waste Management. 21pp. 27449:109.
- 8411060517 Requests attendance at 840109 data collection visit to BWIP. Outline of BWIP hydrogeology team strategy & responsibility for FY84 encl for review. Meeting should provide basis for environ assessment review & site technical positions.
LOESDON, M. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/12/27. ROWE, J. Golder Associates. 5pp. 27449:130.
- 8411060523 Submits meeting rept of 831129-1203 BWIP Exploratory Shaft & Underground Testing Workshop in Richland, WA. Review comments listed. A Brown rept encl.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/12/14. GORDON, M. Division of Waste Management. 17pp. 27449:135.
- 8411060526 Submits review of RHO-BW-CR-131 P, "Analysis of Two-Well Tracer Tests W/Pulse Input." Further test experience w/analytical method necessary to confirm applicability.
A Brown review encl.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/01/27. GORDON, M. Division of Waste Management. 8pp. 27449:152.
- 8411060541 Forwards summary notes from 831129-1203 BWIP/NRC Workshop on Underground Testing. No action required. Agenda, attendee list & NRC preliminary comments encl.
LOESDON, M. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/12/12. ROWE, J. Golder Associates. 18pp. 27449:161.
- 8411060546 Forwards summary notes of 831129-1203 BWIP/NRC Workshop in Richland, WA re underground testing. Agenda, attendee list & NRC preliminary comments encl.
LOESDON, M. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/12/16. WILLIAMS, R. Williams & Associates. 18pp. 27449:179.
- 8411060550 Second monthly progress rept for Jan 1984.
WINTER, G. Williams & Associates. FIN B-7389. NRC-02-82-033. 84/02/09. COOKE, B. Division of Waste Management. 18pp. 27449:225.
- 8411060554 Comments on monthly progress rept, dtd 840104. Changes to statement of work under consideration include identification of environ assessment review as preliminary step in review process. Draft std review plan encl.
COOKE, B. A. Geotechnical Branch (Post 831001). FIN B-7389. NRC-02-83-033. 84/01/31. WILLIAMS, R. E. Williams & Associates. 28pp. 27449:197.
- 8411060563 Forwards USGS Water Supply Paper 2237, "Regional Flow in Dakota Aquifer: Study of Role of Confining Layers," referenced in conceptual models for Palo Duro Basin. W/o encl.
WINTER, G. Williams & Associates. FIN B-7389. NRC-02-82-033. 84/03/12. COOKE, B. Division of Waste Management. 2pp. 27449:299.
- 8411060565 Forwards view on conceptual groundwater flow models for Palo Duro Basin.
WINTER, G. V. Williams & Associates. FIN B-7389. NRC-02-82-033. 84/03/02. COOKE, B. Division of Waste Management. 30pp. 27449:301.
- 8411060572 Forwards description of data needs assessment (DNA) approach & example of DNA model used in SALT repository breach analysis, per 840210 request. Approach will aid in issue identification & prioritization.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/02/17. COOKE, B. Division of Waste Management. 12pp. 27448:218.
- 8411060577 Forwards revised SRP for draft environ assessments. Comments requested.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/02/24. COOKE, B. Division of Waste Management. 11pp. 27448:230.
- 8411060583 Forwards draft rept, "Conceptual Geohydrologic Models of Paradox Basin." Model provides setting for issue prioritization & data needs assessment. Comments requested.
POETER, E. Golder Associates. FIN B-7390. 1033. 84/03/23. COOKE, B. Division of Waste Management. 1p. 27448:242.
- 8411060588 "Conceptual Geohydrologic Models of Paradox Basin," draft technical rept.
* Golder Associates. FIN B-7390. NRC-02-83-034. 84/03/23. Division of Waste Management. 10pp. 27448:243.
- 8411070190 Submits trip rept of 831121-23 workshop in Silver Spring, MD re SWIFT & SWIFT II hydrologic flow & solute transport codes.
ROWE, J., POETER, E. Golder Associates. FIN B-7373. NRC-02-82-045. 83/12/09. GORDON, M. Division of Waste Management. 8pp. 27448:274.
- 8411070192 "Reviewing Hydrogeologic Investigations of BWIP, Project B," monthly progress rept for Feb 1984.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/03/13. GORDON, M. Division of Waste Management. 3pp. 27448:282.
- 8411070253 "Reviewing Hydrogeologic Investigations of Nevada Test Site-Project C," monthly progress rept for Feb 1984.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 84/03/07. POHLE, J. Division of Waste Management. 1p. 27448:312.
- 8411070263 Forwards J Daemen 840206 trip rept of 840117-18 & 840123-26 meetings in Silver Spring, MD & Richland, WA, respectively, re BWIP data review. Completed handwritten checklist w/specific response also encl.
GONAND, L. P. Golder Associates. FIN B-4983. 0/84/49. 84/02/06. BUCKLEY, J. Division of Waste Management. 12pp. 27448:253.
- 8411070264 "Reviewing Hydrogeologic Investigations of Nevada Test Site-Project C," monthly progress rept for Nov 1983.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/12/13. POHLE, J. Division of Waste Management. 3pp. 27448:315.
- 8411070272 Comments on NUREG-1046, "Disposal of High Level Radwastes in Unsaturated Zone: Technical Considerations." Rept explains differences between saturated & unsaturated zones in clear & concise manner.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 84/03/15. POHLE, J. A. Division of Waste Management. 2pp. 27448:334.
- 8411070273 Forwards J Daemen 831229 trip rept of 831208 meeting w/ Engineers Intl & NRC in Silver Spring, MD re assessment of high level waste retrieval alternatives, in response to NRC 831206 request.
GONAND, L. P. Golder Associates. FIN B-4983. NRC-02-81-037. 83/12/30. BUCKLEY, J. Division of Waste Management. 7pp. 27448:265.

NONDOCKETED ITEMS

411

8411070275 "Comments & Observations Following Jan 1984 Data Review Visit to BWIP Site."
 ROWE, J., BROWN, A. Golder Associates. FIN B-7373. NRC-02-82-045. 84/03/06. GORDON, M. Geotechnical Branch (Post 831001). 34pp. 27448:336.

8411070279 Comments on Oct 1983 monthly progress rept. Task 3B complete. All work conducted after 831031 should be considered as Task 4. MJ Gordon will replace MJ Logsdon as project officer, effective 831201.
 LOGSDON, M. J. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/11/29. ROWE, J. Golder Associates. 2pp. 27449:015.

8411070280 Submits comments on Oct 1983 progress rept. Status of Assigned Projects 1-22 noted.
 BUCKLEY, J. T. Engineering Branch (Post 831001). FIN B-6983. NRC-02-81-037. 83/12/13. OATES, R. Golder Associates. 2pp. 27448:272.

8411070284 Forwards RHO-BW-CR-131P, "Analysis of Two-Well Tracer Tests W/Pulse Input" for review. Review consisting of marked-up test & ltr rept should be submitted by 831230. W/o encl.
 LOGSDON, M. J. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/12/05. ROWE, J. Golder Associates. 2pp. 27449:017.

8411070290 Forwards marked-up draft of RHO-BW-CR-140P, "Numerical Modeling of Parametric Uncertainties in Flow Through Porous Media: Development & Initial Testing of PORSTAT." Addl study of PORSTAT method necessary.
 ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/11/28. LOGSDON, M. Division of Waste Management. 63pp. 27449:019.

8411080001 "NRC/Salt Hydrogeology," monthly ltr progress rept for Jan 1984.
 POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/02/16. COOKE, B. Division of Waste Management. 100pp. 27447:216.

8411080002 "NRC/Salt Hydrogeology," monthly ltr progress rept for Dec 1983.
 POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/01/18. COOKE, B. Division of Waste Management. 36pp. 27447:349.

8411080005 Forwards proposed agenda for 831216 kick-off meeting for two Salt contracts falling under hydrogeology basic ordering agreement. Attendees listed.
 COOKE, B., ROSS, F. Geotechnical Branch (Post 831001). FIN B-7389. NRC-02-83-033. 83/12/13. KNAPP, M. R. Geotechnical Branch (Post 831001). 2pp. 27449:332.

8411080007 Comments on Oct 1983 monthly progress rept. Work to date acceptable. Work requests issued under Task 2 noted.
 TIKTINSKY, D. Engineering Branch (Post 831001). FIN B-7327. NRC-02-82-031. 83/12/09. KENDORSKI, F. S. Engineers International, Inc. 1p. 27454:360.

8411080010 Draft "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," work plan.
 CROFF, A. G., KEMMERS, A. D. Oak Ridge National Laboratory. FIN B-0290. 83/12/01. STARMER, R. J. Geotechnical Branch (Post 831001). 23pp. 27446:293.

8411080012 Comments on Oct 1983 progress rept re effect of repository environ on performance of waste package/engineered sys components. Suggested changes to technical position on repository environ parameters should be incorporated.
 CHANG, K. C. Engineering Branch (Post 831001). FIN B-0288. 83/11/29. CROFF, A. G. Oak Ridge National Laboratory. 2pp. 27450:208.

8411080013 Rev 2 to "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," work plan.
 CROFF, A. G., KEMMERS, A. D. Oak Ridge National Laboratory. FIN B-0290. 84/01/25. STARMER, R. J. Geotechnical Branch (Post 831001). 24pp. 27446:316.

8411080014 Requests issuance of work request to Engineers Intl for presentation of results of "Assessment of Retrieval Alternatives for Geologic Disposal of Nuclear Waste" at 840112 meeting at Bureau of Mines in Pittsburgh, PA.
 TIKTINSKY, D. Engineering Branch (Post 831001). FIN B-7327. NRC-02-82-031. 84/01/04. FLEENOR, C. Technical Assistance Contracts Branch. 3pp. 27454:361.

8411080015 Forwards write-up re definition of conceptual model & draft technical rept re conceptual model for Palo Duro Basin. Comments requested.
 POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/03/14. COOKE, B. Division of Waste Management. 6pp. 27454:300.

--8411080019 "Conceptual Geohydrologic Models of Palo Duro Basin," draft technical rept.
 * Golder Associates. FIN B-7390. NRC-02-83-034. 84/03/14. Division of Waste Management. 9pp. 27454:306.

8411080016 Twentieth monthly progress rept for Feb 1984.
 WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/03/05. GORDON, M. Division of Waste Management. 4pp. 27450:016.

8411080017 Summary of 840214 meeting w/DRNL, BNL & Aerospace in Silver Spring, MD re status of FINs B-0288 & A-4165 & review of documents re high level waste package assessment. Meeting notice encl.
 * NRC - No Detailed Affiliation Given. FIN B-0288. 84/02/27. NRC - No Detailed Affiliation Given. 6pp. 27446:340.

8411080018 Meeting rept of BWIP 831129-1202 workshop in Richland, WA to discuss BWIP exploratory shaft test plan rept.
 * Engineers International, Inc. FIN B-7328. NRC-02-82-030. 83/12/16. NRC - No Detailed Affiliation Given. 9pp. 27450:199.

8411080022 Forwards draft final rept "Evaluation of Engineered Barrier Design & Performance for High Level Nuclear Waste Repository in Bedded Salt." Rept does not reflect data not publicly available in late 1982 or obtained since that time.
 PENTZ, D. L. Golder Associates. FIN B-6986. NRC-02-81-027. 84/01/23. PITTIGLIO, C. L. Division of Waste Management. 1p. 27447:047.

--8411080029 "Evaluation of Engineered Barrier Design & Performance for High Level Nuclear Waste Repository in Bedded Salt," final draft rept. Tasks 3 & 4.
 PENTZ, D. L. Golder Associates. KOPLIK, C. M. Analytic Sciences Corp. LESTER, D. H. Science Applications, Inc. NRC-02-81-027. 84/01/31. NRC - No Detailed Affiliation Given. 112pp. 27447:048.

8411080023 Submits review of Golder Associates & A Brown repts on Rockwell DC-4/5 vertical hydraulic conductivity test. Repts show that test not conducted properly. Physical design for test inappropriate for purpose intended.
 WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/03/28. GORDON, M. Division of Waste Management. 3pp. 27450:020.

8411080024 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components," monthly progress rept for Feb 1984.
 CROFF, A. G. Oak Ridge National Laboratory. FIN B-0288. 84/03/07. CHANG, K. C. Engineering Branch (Post 831001). 3pp. 27446:348.

8411080025 "Site Technical Positions for NTS Design Issues," final ltr rept.
 RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 83/08/22. SEAMANS, T. High Level Waste Technical Development Branch. 45pp. 27454:056.

8411080026 "Reviewing Hydrogeologic Investigations of Bedded & Dome Salt Basins - Project B," rept of 840308-09 meetings w/NRC & Williams & Assoc re conceptual models & analyses for Salt hydrogeology review.
 POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/03/15. COOKE, B. Division of Waste Management. 6pp. 27454:315.

8411080030 Comments on monthly progress rept for Oct 1983 re technical assistance for design reviews. Revised site technical positions, response to DOE comments on NRC position on sealing & trip repts received.
 SEAMANS, T. L. Engineering Branch (Post 831001). FIN B-7328. NRC-02-82-030. 83/12/07. RAJARAM, V. Engineers International, Inc. 2pp. 27450:197.

8411080031 "Reviewing Hydrogeologic Investigations of Bedded & Dome Salt Basins - Project B," monthly progress rept for Feb 1984.
 POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/03/13. COOKE, B. Division of Waste Management. 4pp. 27454:321.

8411080032 Meeting rept of 831004-07 NRC/USGS Geology Workshop in Golden, CO.
 RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 83/11/21. SEAMANS, T. Engineering Branch (Post 831001). 6pp. 27454:101.

8411080034 Forwards proposed agenda for 831216 kick-off meeting for Salt hydrogeology contracts & DOE guidelines for recommendation of repository sites. W/o agenda.
 COOKE, B. Geotechnical Branch (Post 831001). FIN B-7389. NRC-02-83-033. 83/12/13. WINTER, G. Williams & Associates. 2pp. 27450:026.

NONDOCKETED ITEMS

- 8411080036 "General Guidelines for Recommendation of Sites for Nuclear Waste Repositories."
* Energy, Dept. of. 83/11/18. 40pp. 27450:028.
- 8411080037 Comments on draft Task 4 rept. "Evaluation of Engineered Barrier Designs & Performance in High Level Waste Repository in Tuff." Use of backfill for defense & commercial glass waste forms deemphasized due to costs.
WICK, E. A. Engineering Branch (Post 831001). FIN B-6986.
NRC-02-81-027. 84/01/16. PITTIGLIO, C. L. Repository Projects Branch (Post 831001). 1p. 27447:160.
- 8411080039 "Technical Assistance for Design Reviews," meetings rept of 831023-26 meetings w/DOE & NRC in Columbus, OH.
* Engineers International, Inc. FIN B-7328. NRC-02-82-030.
83/11/30. NRC - No Detailed Affiliation Given. 14pp. 27450:183.
- 8411080041 "Technical Assistance for Design Reviews," monthly progress rept for Oct 1983.
HAMBLEY, D. F., RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 83/11/18. SEAMANS, T. Engineering Branch (Post 831001). 11pp. 27446:155.
- 8411080042 Forwards new addition to single will test document & new table of contents. Addition appears on Page 2 of document.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
84/03/13. GORDON, M. Division of Waste Management. 17pp. 27450:068.
- 8411080046 Submits review of Rockwell SD-BNI-TI-136. "Results & Evaluation of Experimental Vertical Hydraulic Conductivity Testing at Boreholes DC-4 & DC-5." Larger scale tests recommended.
WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044.
84/02/27. GORDON, M. Division of Waste Management. 6pp. 27454:329.
- 8411080047 Forwards comments re draft Task 4 rept. "Evaluation of Engineered Barrier Designs & Performance for High Level Nuclear Waste Repository in Tuff." Conference rept encl.
PITTIGLIO, C. L. Repository Projects Branch (Post 831001). FIN B-6986. NRC-02-81-027. 83/12/30. PENTZ, D. Golder Associates. 6pp. 27447:184.
- 8411080054 UCRL-B9404 R01
Paper entitled, "Selection of Barrier Metals for Waste Package in Tuff", prepared for Matls Research Society
831114-17 meeting in Boston, MA.
RUSSELL, E. W., MCCRIGHT, R. D., O'NEAL, W. C. Lawrence Livermore National Laboratory. 83/09/30. 24pp. 27447:190.
- 8411080048 Forwards draft site technical positions on facility design, retrievability & design of repository openings.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 83/11/29. SEAMANS, T. Engineering Branch (Post 831001). 33pp. 27450:150.
- 8411080050 "Assessment of Water Intrusion in Geologic High Level Waste Repositories in Bedded Salt, Dome Salt, Tuff & Basalt," final draft ltr rept.
CUMMINGS, R. A., KENDORSKI, F. S., RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/03/19. TIKTINSKY, D. High Level Waste Technical Development Branch. 73pp. 27446:166.
- 8411080051 Forwards review of "Methane Gas Production Testing in Vicinity of Candidate Repository Site," "Rept Covering Possibility of Methane Accumulation Under Ref Repository Location Hanford Site" & R King consultant rept.
NICHOLLS, H. R. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 84/02/07. GREEVES, J. T. Engineering Branch (Post 831001). 17pp. 27450:087.
- 8411080053 Comments on monthly progress rept dtd 840104. Review of PNL-3632 re AEGIS technology in Basalt repositories satisfactory. NRC will forward final draft review of exploratory shaft test plan when complete.
LOGBON, M. Repository Projects Branch (Post 831001). FIN B-7372. NRC-02-82-044. 84/01/24. WILLIAMS, R. E. Williams & Associates. 1p. 27454:335.
- 8411080055 Submits comments re "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly rept for Oct 1983. Info requested re major findings of meeting w/borehole surveying company & backfill results.
TIKTINSKY, D. H. Engineering Branch (Post 831001). FIN B-6934. NRC-02-80-075. 83/12/21. AMEY, E. Interior, Dept. of, Bureau of Mines. 2pp. 27446:331.
- 8411080056 Forwards review of DOE 840111 ltr to NRC & annotated copy of "Draft Technical Position on Borehole & Shaft Sealing." Rept completes requirements for Project 26 under Task 6
GONAND, L. P. Golder Associates. FIN B-6983. 8/84/62. 84/02/20. BUCKLEY, J. T. Division of Waste Management. 41pp. 27450:104.
- 8411080057 Ltr rept of observations during exam of hydrologic effects of 831028 earthquake near Big Lost River, ID.
WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/02/23. GORDON, M. Division of Waste Management. 13pp. 27454:336.
- 8411080058 Forwards working papers re site technical positions for Salt on "Geologic Heterogeneities" & "Stability of Openings." Papers are to be used to develop more refined technical positions.
WILKEY, P. L., KENDORSKI, F. S., RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/02/29. TIKTINSKY, D. Engineering Branch (Post 831001). 1p. 27446:240.
- 8411080062 "Site Technical Position: Stability of Openings," working paper.
* Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/02/14. NRC - No Detailed Affiliation Given. 30pp. 27446:241.
- 8411080068 "Site Technical Position: Geologic Heterogeneities," working paper.
* Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/02/17. NRC - No Detailed Affiliation Given. 22pp. 27446:271.
- 8411080059 Comments on Oct 1983 monthly progress rept re lab evaluation of DOE radionuclide solubility data. Studies of neptunium & modeling studies progressing well.
STARMER, R. J. Geotechnical Branch (Post 831001). FIN B-0290. NRC-50-19-03-1. 83/11/30. CROFF, A. G. Oak Ridge National Laboratory. 1p. 27450:147.
- 8411080060 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," 19th monthly progress rept.
WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/02/09. GORDON, M. Division of Waste Management. 7pp. 27454:349.
- 8411080061 Forwards marked-up abstract, introduction & executive summary of Task 1 final rept. "Assessment of Retrieval Alternatives for Geologic Disposal of Nuclear Waste," for review & incorporation into final rept. Act of receipt requested.
GUSTAVE, R. P. Technical Assistance Contracts Branch. FIN B-7327. NRC-02-82-031. 84/01/27. KENDORSKI, F. S. Engineers International, Inc. 30pp. 27446:353.
- 8411080063 "Assessment of Waste Retrieval Alternatives," Task 2. Work Request & rept of 831208 meeting.
HAMBLEY, D. F. Engineers International, Inc. FIN B-7327. 1077-56. 84/01/27. TIKTINSKY, D. Engineering Branch (Post 831001). 4pp. 27454:356.
- 8411080064 Submits comments on Nov 1983 progress rept. Status of Assigned Projects 1-26 described.
BUCKLEY, J. T. Engineering Branch (Post 831001). FIN B-6983. NRC-02-81-037. 83/01/17. GONAND, L. Golder Associates. 2pp. 27450:145.
- 8411080065 Forwards repts on methane gas production testing in vicinity of candidate repository site & possibility of methane accumulation for review re methane hazard. Review requested by 840210.
TIKTINSKY, D. H. Engineering Branch (Post 831001). FIN B-6934. NRC-02-80-075. 84/01/10. AMEY, E. Interior, Dept. of, Bureau of Mines. 7pp. 27447:023.
- 8411080070 "Rept Covering Possibility of Methane Accumulation Under Ref Repository Location Hanford Site."
DUCHSCHERER, W. Affiliation Not Assigned. FIN B-6934. 82/08/31. 17pp. 27447:030.
- 8411080066 Comments on Nov 1983 monthly progress rept re lab evaluation of DOE radionuclide solubility data. Progress to date satisfactory.
STARMER, R. J. Geotechnical Branch (Post 831001). FIN B-0290. NRC-50-19-03-1. 83/12/28. CROFF, A. G. Oak Ridge National Laboratory. 2pp. 27450:148.
- 8411080067 Requests attendance at 831215 meeting of Nevada Nuclear Waste Site Investigation hydrogeology team in Silver Spring, MD to discuss site characterization rept.
POHLE, J. A. Geotechnical Branch (Post 831001). FIN B-7378. NRC-02-82-047. 83/12/15. ROSS, B. I. Geotrans, Inc. 1p. 27452:355.
- 8411080069 Submits comments re NRC Contract NRC-02-81-027, "Performance of Engineered Barriers in Geologic Repository," progress rept for Oct 1983. Draft Final Task 5 rept undergoing rev to follow approach re waste package reliability.
PITTIGLIO, C. L. Repository Projects Branch (Post 831001). FIN B-6986. NRC-02-81-027. 83/12/13. PENTZ, D. Golder Associates. 2pp. 27447:214.

NONDOCKETED ITEMS

41

8411080072 Submits trip rept of 840209 Unsaturated Rock/Contamination Transport Workshop in Oracle, AZ. Agenda & attendees list encl.
MIFFLIN, M.D. Williams & Associates. FIN B-7377. NRC-02082-046.
84/02/01. POHLE, J. Division of Waste Management. 10pp. 27452:357.

8411080073 "Assessment of Waste Retrieval Alternatives," monthly progress rept for Jan 1984.
KENDORSKI, F. S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 84/02/27. TIKTINSKY, D. Engineering Branch (Post 831001). 4pp. 27456:029.

8411080075 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project D." monthly progress Ltr Rept 36 for Nov 1983.
ROSS, B. Geotrans, Inc. FIN B-7378. NRC-02-82-047. 83/12/09.
POHLE, J.A. Division of Waste Management. 2pp. 27453:005.

8411080077 Forwards project proposal for use of Bureau-developed technology to clean air of radioactive aerosols in ventilation sys of underground nuclear waste disposal facility. Funding requested under account Number 7134.
AMEY, E. B. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 84/02/21. TIKTINSKY, D.H. Division of Waste Management. 14pp. 27451:189.

8411080080 "Technical Assistance for Design Reviews," meeting rept for 840110-11 meetings in Silver Spring, MD.
* Engineers International, Inc. FIN B-7372. NRC-02-82-044.
84/02/10. SEAMANS, T. High Level Waste Technical Development Branch. 4pp. 27454:136.

8411080081 "State-of-the-Art Assessment for Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly progress rept for Oct 1983.
AMEY, E., THIMONS, E.D. Interior, Dept. of, Bureau of Mines. FIN B-6934. NRC-02-80-075. 83/11/29. FLEENOR, C. Technical Assistance Contracts Branch. 5pp. 27455:308.

8411080082 Discusses earth sciences data base prepared under Contract NRC-02-81-026. Work would be done to complete data base. List of parameters currently found in data base for BWIP site encl.
BUCKLEY, J.T. Engineering Branch (Post 831001). FIN B-6985.
NRC-02-81-026. 83/12/07. GREEVES, J.T. Engineering Branch (Post 831001). 13pp. 27454:123.

8411080083 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C." monthly progress rept for Dec 1983.
WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046.
84/01/04. POHLE, J. Division of Waste Management. 3pp. 27453:007.

8411080085 Submits comments on monthly rept for Nov 1983. Mods to statement of work discussed. Preliminary draft of "Std Review Plan for Draft Environ Assessments" encl.
COOKE, B.A. Geotechnical Branch (Post 831001). FIN B-7390.
NRC-02-83-034. 84/01/13. ROWE, J. Golder Associates. 28pp. 27454:226.

8411080086 "Technical Assistance for Assessment of Repository Siting & Design," quarterly progress rept for Oct-Dec 1983.
AMEY, E.B. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 84/01/24. FLEENOR, C. Technical Assistance Contracts Branch. 4pp. 27451:203.

8411080087 Trip rept of 831128 meeting w/NRC in Seattle, WA & 831129-1202 DOE/NRC BWIP Workshop in Richland, WA. Amended comments on exploratory shaft test plan encl.
WINTER, O.V. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/12/13. Division of Waste Management. 29pp. 27455:095.

8411080089 Ack receipt of Nov 1983 monthly progress rept. Progress to date satisfactory. Attendance at Univ of Arizona 840110-12 Workshop on Unsaturated Fractured Rock requested.
POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7378.
NRC-02-82-047. 83/12/21. ROSS, B.I. Geotrans, Inc. 1p. 27455:361.

8411080090 "State-of-the-Art Assessment for Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly progress rept for Nov 1983.
AMEY, E. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 84/01/06. FLEENOR, C. Technical Assistance Contracts Branch. 5pp. 27453:313.

8411080092 Summarizes 831215-16 Salt hydrogeology kick-off meeting in Silver Spring, MD. A Brown meeting notes encl.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 83/12/30.
COOKE, B. Division of Waste Management. 14pp. 27454:254.

8411080093 "Benchmarking of Computer Codes & Licensing Assistance," monthly ltr progress rept for Nov 1983.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/12/16.
FEHRINGER, D. Division of Waste Management. 11pp. 27454:112.

8411080094 "Technical Assistance for Design Reviews," monthly progress rept for Jan 1984.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-044. 84/02/17. SEAMANS, T. Engineering Branch (Post 831001). 11pp. 27454:160.

8411080095 Forwards Vol 7 of NUREG/CR-2482, "Review of DOE Waste Package Program Subtask 1.1-Natal Waste Package Program. Draft Biannual Rept."
SOD, P. Brookhaven National Laboratory. FIN A-3164. 1482.
84/09/11. WICK, E.A. High Level Waste Licensing Management Branch. 86pp. 27451:207.

8411080096 Comments on Nov 1983 monthly rept. MJ Gordon replaced MJ Logsdon as project officer on 831201. Revised Tables 1 & 2 for Nov 1983 rept requested.
LOGSDON, M.J. Repository Projects Branch (Post 831001). FIN B-7372.
NRC-02-82-044. 83/12/23. WILLIAMS, R. Williams & Associates. 2pp. 27455:124.

8411080097 Forwards agenda for 831216 kick-off meeting re Salt hydrogeology contracts. Meeting will focus on contract details & environ assessment review activities. DOE guidelines also encl. W/o encl.
COOKE, B. Geotechnical Branch (Post 831001). FIN B-7390.
NRC-02-83-034. 83/12/13. ROWE, J. Golder Associates. 2pp. 27454:268.

8411080100 "NRC/Salt Hydrogeology," monthly progress rept for Nov 1983.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 83/12/13.
COOKE, B. Division of Waste Management. 29pp. 27454:270.

8411080101 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C." monthly progress rept for Jan 1984.
WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046.
84/02/09. POHLE, J. Division of Waste Management. 4pp. 27453:239.

8411080103 "Benchmarking of Computer Codes & Licensing Assistance," ltr rept on code selection for waste package codes.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/12/14.
FEHRINGER, D. Division of Waste Management. 3pp. 27454:109.

8411080104 "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly progress rept for Feb 1984.
AMEY, E.B. Interior, Dept. of, Bureau of Mines. FIN B-6934. 1018.
84/03/20. FLEENOR, C. Technical Assistance Contracts Branch. 4pp. 27451:289.

8411080105 Comments on Nov 1983 monthly progress rept. Trip repts for Work Requests 5 & 6 due. Work accomplished to date acceptable.
TIKTINSKY, D. Engineering Branch (Post 831001). FIN B-7327.
NRC-02-82-031. 84/01/18. KENDORSKI, F. S. Engineers International, Inc. 1p. 27454:299.

8411080107 Forwards marked-up comments on Task 4 draft rept. "Evaluation of Engineered Barrier Design & Performance for High Level Nuclear Waste Repository in Tuff." Geotechnical Branch should review statements re hydrology.
GREEVES, J.T. Engineering Branch (Post 831001). FIN B-6986.
NRC-02-81-027. 83/12/28. MILLER, H.J. Repository Projects Branch (Post 831001). 14pp. 27456:033.

8411080109 Submits trip rept for 831215 meeting in Silver Spring, MD re environ assessment for Yucca Mountain. Draft status rept on Nevada Nuclear Waste Site Investigations hydrogeologic investigations encl.
MIFFLIN, M. Williams & Associates. FIN B-7377. NRC-02-82-046.
84/02/27. POHLE, J. Division of Waste Management. 1p. 27453:243.

--8411080123 "Nevada Nuclear Waste Site Investigations Hydrogeologic Investigations," draft status rept.
* Williams & Associates. FIN B-7377. NRC-02-82-046. 84/02/29.
NRC - No Detailed Affiliation Given. 51pp. 27453:244.

8411080112 Comments on outline for waste package code benchmark rept in response to 831206 memo. Selection of benchmark problems should be based on listed criteria. Work on BARRIER should be eliminated.
GREEVES, J.T. Engineering Branch (Post 831001). FIN B-6985.
83/12/27. FEHRINGER, D.J. Repository Projects Branch (Post 831001). 2pp. 27454:107.

NONDOCKETED ITEMS

- 8411080113 "Oxygen Production in Basalt Groundwaters From Decay of Dissolved U."
CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287. 84/03/08.
COOK, F. R. NRC - No Detailed Affiliation Given. 10pp. 27452:085.
- 8411080114 Requests attendance at BWIP data collection visit beginning on 840109. Outline of BWIP hydrogeology team responsibilities for CY84 encl.
LOGSDON, M. Repository Projects Branch (Post 831001). FIN B-7372.
NRC-02-82-044. 83/12/23. WILLIAMS, R. E. Williams & Associates. 5pp. 27455:126.
- 8411080115 Forwards draft NUREG/CR-3091, "Review of Waste Package Verification Tests, Biannual Rept."
SOD, P. Brookhaven National Laboratory. FIN A-3167. 1483.
84/09/05. WICK, E. A. High Level Waste Licensing Management Branch. 33pp. 27451:294.
- 8411080117 Forwards Jan 1984 monthly repts for FIN A-3164, "Review of DOE Waste Package Program" & FIN A-3167, "Waste Package Verification Tests."
KATO, W. Y. Brookhaven National Laboratory. FIN A-3164. 84/02/16.
WICK, E. A. High Level Waste Licensing Management Branch. 3pp. 27455:318.
- 8411080124 "Review of DOE Waste Package Program," monthly ltr rept for Jan 1984.
KATO, W. Y. Brookhaven National Laboratory. FIN A-3164. 84/02/29.
NRC - No Detailed Affiliation Given. 26pp. 27455:321.
- 8411080132 "Review of Waste Package Verification Test," monthly ltr rept for Jan 1984.
SOD, P., DAVIS, M. S. Brookhaven National Laboratory. FIN A-3167. 84/02/29. NRC - No Detailed Affiliation Given. 13pp. 27455:347.
- 8411080118 "Assessment of Effectiveness of Geologic Isolation Sys." review rept.
WINTER, G. V. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/12/23. LOGSDON, M. Division of Waste Management. 21pp. 27455:131.
- 8411080120 Forwards draft final rept, "Evaluation of Engineered Barrier Design & Performance for High Level Nuclear Waste Repository in Tuff."
PENTZ, D. L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/11/16. PITTIGLIO, C. L. Division of Waste Management. 1p. 27456:047.
- 8411080134 "Evaluation of Engineered Barrier Designs & Performance for High Level Nuclear Waste Repository in Tuff," draft rept, Task 4.
PENTZ, D. L. Golder Associates. KOPLIK, C. M. Affiliation Not Assigned. LESTER, D. M. Science Applications, Inc. FIN B-6986. NRC-02-81-027. 83/11/30. NRC - No Detailed Affiliation Given. 85pp. 27456:048.
- 8411080121 Forwards package sent to invitees to Workshop on Application of Geochemical mode is to High-Level Waste Repository assessment. G Jacobs rept of 840607 trip to NRC for weekly site mgt seminar also encl.
WHITLEY, S. K. Oak Ridge National Laboratory. FIN B-0287. 1276. 84/06/18. BROOKS, D. J. Geotechnical Branch (Post 831001). 63pp. 27452:017.
- 8411080125 Comments on "Analysis of Two-Well Tracer Tests W/Pulse Input." Method should be useful for BWIP hydrogeology characterization. Need for precise aquifer thickness measurements emphasized.
WINTER, G. V. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/12/29. LOGSDON, M. Division of Waste Management. 3pp. 27455:151.
- 8411080129 RHO-BW-CR-131 P
"Analysis of Two-Well Tracer Tests W/Pulse Input."
* Rockwell International Corp. FIN B-7372. 82/04/30. 108pp. 27455:154.
- 8411080126 "NRC/Salt Hydrogeology," monthly progress rept Ltr 26 for May 1984.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/06/04.
COOKE, B. Division of Waste Management. 3pp. 27452:014.
- 8411080128 Forwards Ltr Rept LR 4.2-6, "Matrix Diffusion of Radionuclides: Limitations of Available Data (NNWSI/NTS)" & draft of supporting review, "Matrix Diffusion in Rock/Groundwater Sys (ORNL/TM-9155)." Review requested.
WHITLEY, S. K. Oak Ridge National Laboratory. FIN B-0287. 1027. 84/03/28. BROOKS, D. J. Geotechnical Branch (Post 831001). 1p. 27455:002.
- 8411080137 "Matrix Diffusion of Radionuclides: Limitations of Available Data (NNWSI/NTS)." Ltr Rept 4.2-6.
BLENCOE, J. G., GRISAK, G. E. Oak Ridge National Laboratory. FIN B-0287. LR 4.2-6. 84/03/28. NRC - No Detailed Affiliation Given. 3pp. 27455:003.
- 8411080171 Draft "Topical Review: Matrix Diffusion of Radionuclides in Rock/Groundwater Sys."
BLENCOE, J. G., GRISAK, G. E. Oak Ridge National Laboratory. FIN B-0287. ORNL/TM-9155. 84/02/29. Division of Fuel Cycle & Material Safety. 89pp. 27455:006.
- 8411080133 Ack receipt of Nov 1983 progress rept, SHIFT II & In Situ Testing Workshop repts & review of RHO-BW-CR-140-P-DRAFT (FORSTAT). Meeting repts satisfactory.
LOGSDON, M. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 84/01/04. ROWE, J. Golder Associates. 1p. 27453:347.
- 8411080135 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," monthly progress rept for Dec 1983.
WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/01/04. GORDON, M. Division of Waste Management. 6pp. 27455:262.
- 8411080141 "Reviewing Hydrogeologic Investigations of BWIP, Project B," monthly progress Ltr Rept 66 for Dec 1983.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/01/17. GORDON, M. Division of Waste Management. 4pp. 27453:348.
- 8411080143 Draft trip rept of 831215 document review meeting & 831216 kick-off meeting w/NRC in Silver Spring, MD.
WINTER, G. Williams & Associates. FIN B-7389. NRC-02-83-033. 83/12/22. COOKE, B. Division of Waste Management. 5pp. 27455:268.
- 8411080145 Advises that quarterly rept for Third Quarter 1983 unacceptable. Rept fails to describe work done & expenditures during reporting period. Revised quarterly rept requested.
TIKINSKY, D. H. Engineering Branch (Post 831001). FIN B-6934. 83/12/29. AMEY, E. Interior, Dept. of, Bureau of Mines. 1p. 27455:360.
- 8411080147 "Benchmarking of Computer Codes & Licensing Assistance," monthly ltr progress rept for Jan 1984.
VOGT, D. K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/02/15. FEHRINGER, D. Division of Waste Management. 13pp. 27456:134.
- 8411080148 Forwards "Site Technical Positions for Geologic Repository in Palo Duro Basin," per 840404 telcon. Table which led to development of issue list & revised second draft of issue list also encl. Comments requested by 840514.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/04/27. COOKE, B. Division of Waste Management. 11pp. 27451:339.
- 8411080159 "Site Technical Positions for Geologic Repository in Palo Duro Basin."
* Golder Associates. FIN B-7390. NRC-02-83-034. 84/04/27. NRC - No Detailed Affiliation Given. 31pp. 27451:349.
- 8411080152 "Reviewing Hydrogeologic Investigations of BWIP, Project B," monthly progress Ltr Rept 65 for Nov 1983.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/12/14. GORDON, M. Division of Waste Management. 4pp. 27453:352.
- 8411080155 "Technical Assistance for Assessment of Repository Siting & Design," review of draft NRC technical position on waste package reliability.
NICHOLLS, H. R. Interior, Dept. of, Bureau of Mines. FIN B-6934. NRC-02-80-075. 84/01/09. GREEVES, J. Engineering Branch (Post 831001). 6pp. 27451:326.
- 8411080156 Forwards comments on draft ORNL rept, "Determination of Metabolic Data for High Level Waste Dosimetry." Rept presents comprehensive literature survey of geochemical behavior & mammalian metabolism of transuranics & strontium.
PETERSON, H. T. Health Effects Branch. FIN B-0289. 83/11/30. FEHRINGER, D. J. Repository Projects Branch (Post 831001). 11pp. 27456:001.
- 8411080158 Draft "Parameters & Variables Appearing in Computer Codes for Waste Package Analysis."
VOGT, D. K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/03/08. FEHRINGER, D. Division of Waste Management. 225pp. 27450:210.
- 8411080162 "Draft Analysis of Conservatism of Radionuclide Info Measured by Batch Contact Sorption/Apparent Concentration Limit Isotherms," Ltr Rept L-290-3.
CROFF, A. G. Oak Ridge National Laboratory. FIN B-0290. L-290-3. 84/02/10. STARMER, R. J. Geotechnical Branch (Post 831001). 17pp. 27455:275.

NONDOCKETED ITEMS

8411080165 "Survey of Metabolic Data Appropriate for High Level Waste Dosimetry (ICRP-3)," monthly ltr rept for Nov 1983.
ECKERMANN, K.F. Oak Ridge National Laboratory. FIN B-0289. 83/12/15.
FEHRINGER, D.J. Office of Nuclear Material Safety & Safeguards, Director. 4pp. 27456:012.

8411080166 Submits trip rept of 840109-12 NRC/DOE Geochemistry Workshop in Richland, WA. Presentations re groundwater sampling/analysis, evaluation of borehole development & hydrochemical character of groundwater described. A Brown rept encl.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/01/25.
GORDON, M. Division of Waste Management. 8pp. 27453:356.

8411080169 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Feb 1984.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 84/03/12.
STARNER, R.J. Geotechnical Branch (Post 831001). 12pp. 27455:291.

8411080174 "Technical Assistance for Assessment of Repository Siting & Design," rept of 840112 meeting in Pittsburgh, PA to discuss status of project, "State-of-the-Art Assessment of Large Diameter Nuclear Waste Emplacement Holes."
NICHOLLS, H.R. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 84/02/07. GREEVES, J. NRC - No Detailed Affiliation Given. 6pp. 27451:332.

8411080175 Review of SD-BWI-TP-007, "Rockwell-BWIP, Vols I & II, Exploratory Shaft Test Plan."
HOLLOP, E.E. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 83/12/06. GREEVES, J. Engineering Branch (Post 831001). 13pp. 27456:016.

8411080179 "Technical Assistance in Seismo-Tectonic Impacts in Repositories," Monthly Mgt Ltr 10 for Jan 1984.
CHUNG, D.H., SMITH, P.D. Lawrence Livermore National Laboratory. FIN A-0294. EG-84-012. 84/02/22. WESTBROOK, K. Geotechnical Branch (Post 831001). 5pp. 27455:303.

8411080182 "Assessment of Retrieval Alternatives for Geologic Disposal of Nuclear Waste."
NICHOLLS, H.R. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 84/01/27. GREEVES, J. NRC - No Detailed Affiliation Given. 4pp. 27454:042.

8411080184 Comments on 840419 ltr re directions for producing data needs assessment (DNA) documents & technical review of preliminary example of DNA model. Suggestions re format acceptable.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/02.
COOKE, B. Division of Waste Management. 7pp. 27482:273.

8411080186 "Assessment of Waste Retrieval Alternatives," progress rept for Dec 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 84/01/26. TIKTINSKY, D. Engineering Branch (Post 831001). 4pp. 27454:001.

8411080189 Comments on Tasks 3 & 4 draft final rept, "Performance of Engineered Barriers in Geologic Repository." Rept uneven in form & content & does not make full use of Nevada Nuclear Waste Storage Investigations info.
STARNER, R.J. Geotechnical Branch (Post 831001). FIN B-6986.
NRC-02-81-027. 83/12/22. PITTIGLIO, C.L. Repository Projects Branch (Post 831001). 2pp. 27451:142.

8411080194 "Geological Stability Issues for BWIP," site technical position.
CHUNG, D.H. Lawrence Livermore National Laboratory. FIN A-0294.
EG-84-015/LMH. 84/02/28. WESTBROOK, K. Geotechnical Branch (Post 831001). 31pp. 27451:106.

8411080197 Forwards draft rept, "Determination of Waste Package Environment for Basalt Repository: Phase I - Gamma Irradiation Conditions in Absence of Methane."
GAUSE, E.P. Brookhaven National Laboratory. FIN A-3167. 84/02/10.
WICK, E.A. High Level Waste Licensing Management Branch. 1p. 27451:144.

--8411080206 BNL-NUREG-24297
"Determination of Waste Package Environment for Basalt Repository: Phase I - Gamma Irradiation Conditions in Absence of Methane," draft rept.
GAUSE, E.P., BREWSTER, C., SOD, P. Brookhaven National Laboratory. FIN A-3167. 82/02/28. NRC - No Detailed Affiliation Given. 45pp. 27451:145.

8411080201 Requests attendance at 831208 meeting w/NRC & Engineers Int. (EI) in Silver Spring, MD to hear EI presentation entitled "Assessment of Retrieval Alternatives for Geologic Disposal of Nuclear Waste." Meeting notice encl.
GUSTAVE, R.P. Technical Assistance Contracts Branch. FIN B-6983.
NRC-02-81-037. 83/12/06. GATES, R. Golder Associates. 3pp. 27451:137.

8411080202 Summarizes 840112 meeting w/Bureau of Mines & Engineers Int. in Bruceton, PA re status of project "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes."
* NRC - No Detailed Affiliation Given. FIN B-6934. NRC-02-80-075. 84/01/26. NRC - No Detailed Affiliation Given. 4pp. 27451:101.

8411080205 Forwards "Preliminary Site Technical Positions for Geologic Repository in Paradox Basin," per 840414 telcon. Table which led to development of issue list & revised second draft of issue list encl.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/11.
COOKE, B. Division of Waste Management. 9pp. 27482:109.

--8411080219 "Site Technical Positions for Geologic Repository in Paradox Basin."
* Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/11.
NRC - No Detailed Affiliation Given. 24pp. 27482:118.

8411080208 Forwards Ltr Rept LR 2.1, "Review & Analysis of Nevada Nuclear Waste Site Investigations Sorption Info" & rev to ORNL/TM-9224, "Review & Assessment of Sorption Info for High Level Waste Repository Site in Yucca Mountain, NV."
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 1218. 84/05/22. BROOKS, D.J. Geotechnical Branch (Post 831001). 1p. 27482:142.

--8411080223 "Review & Analysis of Nevada Nuclear Waste Storage Investigations Sorption Info," Ltr Rept LR 2.1.
KELMERS, A.D. Oak Ridge National Laboratory. FIN B-0287. LR 2.1. 84/05/22. NRC - No Detailed Affiliation Given. 34pp. 27482:143.

--8411080250 Revised "Review & Assessment of Radionuclide Sorption Info for High Level Nuclear Waste Repository Site in Yucca Mountain, NV," draft rept.
KELMERS, A.D. Oak Ridge National Laboratory. FIN B-0287. 1218. 84/05/31. Division of Fuel Cycle & Material Safety. 47pp. 27482:177.

8411080212 "Technical Assistance for Assessment of Repository Siting & Design," quarterly progress rept for Jul-Sept 1983.
AMEY, E.B. Interior, Dept. of, Bureau of Mines. B-6934.
NRC-02-80-075. 83/11/29. FLEENOR, C. Technical Assistance Contracts Branch. 3pp. 27452:336.

8411080227 Forwards marked-up "Influence of Failed Rock Properties on Tunnel Stability" & "Use of Borehole Breakouts in Study of Crustal Stress" to illustrate use of "spalling." Term refers to clearly visible major shear fractures.
* Arizona, Univ. of, Tucson, AZ. FIN B-6983. NRC-02-81-037. 84/02/07. NRC - No Detailed Affiliation Given. 32pp. 27452:172.

8411080228 "Assessment of Waste Retrieval Alternatives," progress rept for Nov 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 84/01/26. TIKTINSKY, D. High Level Waste Technical Development Branch. 2pp. 27454:005.

8411080233 Submits comments re "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly rept for Nov 1983. Questions re backfill composition mixture & feasibility of boring emplacement holes.
TIKTINSKY, D.H. Engineering Branch (Post 831001). FIN B-6934.
NRC-02-80-075. 84/01/25. AMEY, E. Interior, Dept. of, Bureau of Mines. 2pp. 27452:339.

8411080236 "NRC/Salt Hydrogeology," monthly progress rept Ltr 21 for Apr 1984.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/14.
COOKE, B. Division of Waste Management. 3pp. 27481:349.

8411080237 Trip rept of 840308-09 meeting w/NRC & Golder Assoc in Silver Spring, MD re conceptual models & data review for Palo Duro & Paradox Basins.
WINTER, O.V. Williams & Associates. FIN B-7389. NRC-02-83-033. 84/03/13. COOKE, B. Division of Waste Management. 6pp. 27452:224.

8411080239 Submits draft review of "BWIP Exploratory Shaft Test Plan," Vol I re exploratory test program & Vol II re preliminary test descriptions.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/11/18. LUGSDON, M. Division of Waste Management. 26pp. 27454:009.

NONDOCKETED ITEMS

- 8411080242 Comments on issues re Palo Duro, Paradox & Gulf Salt Dome repositories. Lists of revised issues encl. Comments on revs to issues requested.
WINTER, G. Williams & Associates. FIN B-7389. NRC-02-83-033. 84/01/06. COOKE, B. Division of Waste Management. 12pp. 27452:232.
- 8411080244 Summarizes 840514-18 meeting (ONWI Hydrology Data Review) in Columbus, OH re Salt repository work conducted by DOE & ONWI contractors & status of published & unpublished data relevant to Salt project.
ROWE, J. Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/25. COOKE, B. Division of Waste Management. 29pp. 27481:352.
- 8411080246 Trip repts of 831129-1202 BWIP/NRC Workshop on Underground Test Plan in Richland, WA.
GONAND, L.P. Golder Associates. FIN B-6983. NRC-02-81-037. 83/12/20. 29pp. 27452:244.
- 8411080247 Submits comments re "Repository Horizon Identification Rept." Rept implies lack of serious differences in internal geology & geohydrology & lack of borehole data for selected candidate horizons.
* Army, Dept. of, Corps of Engineers. FIN B-6935. NRC-02-81-036. 84/03/16. Division of Waste Management. 9pp. 27452:347.
- 8411080251 Forwards revised outline for waste package code benchmark problem rept. Problems that can be used to estimate overall performance of waste package, measured by package life, failure or release rates not included.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/12/05. FEHRINGER, D. Division of Waste Management. 8pp. 27452:126.
- 8411080252 Forwards data needs assessment documents for Model A1a. "Resaturation by Vertical Porous Media Flow Through Unflawed Geology." Remaining requests will be arriving shortly.
FOETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/30. COOKE, B. Division of Waste Management. 20pp. 27482:019.
- 8411080254 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Jan 1984.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0290. 84/02/10. STARMER, R.J. Geotechnical Branch (Post 831001). 8pp. 27452:307.
- 8411080256 Requests attendance at 831129-1202 NRC/DOE BWIP Workshop in Richland, WA & 831128 preworkshop meeting w/NRC in Seattle, WA.
LOGSDON, M.J. Repository Projects Branch (Post 831001). FIN B-7372. NRC-02-82-044. 83/11/25. WILLIAMS, R. Williams & Associates. 2pp. 27454:035.
- 8411080257 "State-of-the-Art Assessment for Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly progress rept for Dec 1983.
AMEY, E.B. Interior, Dept. of, Bureau of Mines. FIN B-6934. NRC-02-80-075. 84/01/24. FLEENOR, C. Technical Assistance Contracts Branch. 5pp. 27452:350.
- 8411080262 Forwards June 1984 progress rept for "Technical Assistance in Geochemistry," draft list of workshop issues & photo-ready mats of NUREG/CR-3763, w/o NUREG.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 1347. 84/07/09. BROOKS, D.J. Geotechnical Branch (Post 831001). 1p. 27482:225.
- 8411080273 "Technical Assistance in Geochemistry," monthly progress rept for June 1984.
* Oak Ridge National Laboratory. FIN B-0287. 84/07/09. NRC - No Detailed Affiliation Given. 5pp. 27482:226.
- 8411080263 Recommends types of waste package computer codes that should be benchmarked during course of project. Benchmark codes listed used in five areas.
VOGT, D.K. Teknekron, Inc. FIN B-6985. 83/12/05. FEHRINGER, D. Division of Waste Management. 2pp. 27452:134.
- reformed in Gibson
s."
84/06/19.
n Dome 1
y
19.
- 8411080266 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Dec 1983.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0290. 84/01/09. STARMER, R.J. Geotechnical Branch (Post 831001). 5pp. 27452:313.
- 8411080267 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," monthly progress rept for Nov 1983.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. 83/12/13. LOGSDON, M. Division of Waste Management. 5pp. 27454:037.
- 8411080271 Forwards more comprehensive trip repts re 840124-27 preparation meeting at BWIP re data collection & 840124-27 data gathering meeting re geomechanics data.
GONAND, L.P. Golder Associates. FIN B-6983. 84/04/63. 84/02/20. BUCKLEY, J.T. Division of Waste Management. 13pp. 27452:136.
- 8411080274 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Nov 1983.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0290. 84/12/13. STARMER, R.J. Geotechnical Branch (Post 831001). 4pp. 27452:320.
- 8411080277 Forwards "Geochemical Conditions for Candidate Salt Sites: Limitations of Available Data (ONWI)" & draft supporting topical review "Review & Assessment of Info on Geochemical Conditions for Candidate Salt Sites."
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 84/05/18. BROOKS, D.J. Geotechnical Branch (Post 831001). 1p. 27483:218.
- 8411080288 "Geochemical Conditions for Candidate Salt Sites: Limitations of Available Data (ONWI)," Ltr Rept LR 3.1.
JACOBS, G.K. Oak Ridge National Laboratory. FIN B-0287. 1196. 84/05/17. NRC - No Detailed Affiliation Given. 72pp. 27483:219.
- 8411080278 Ack receipt of ltr rept re codes for benchmarking in waste package area. Major deficiency in waste package codes is lack of computer programs used for detailed engineering assessments of corrosion & leaching.
FEHRINGER, D.J. Repository Projects Branch (Post 831001). FIN B-6985. 83/12/29. VOGT, D.K. CorSTAR Research, Inc. 2pp. 27452:146.
- 8411080281 "Reviewing Hydrogeologic Investigations of Bedded & Salt Dome Basins-Project A," first monthly progress rept for Dec 1983.
WINTER, G. Williams & Associates. FIN B-7389. NRC-02-83-033. 84/01/04. COOKE, B. Division of Waste Management. 6pp. 27452:330.
- 8411080282 Submits preliminary list of issues relevant to licensing of high level nuclear waste repository in Gulf Coast Salt Dome Basin. List reflects project activities & discussions over previous 5 months.
FOETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/04/27. COOKE, B. Division of Waste Management. 14pp. 27482:082.
- 8411080284 Forwards revised outline for waste package code benchmark problem rept. New version contains fewer thermal & mechanical problems & description of each problem purpose.
FEHRINGER, D.J. Repository Projects Branch (Post 831001). FIN B-6985. 83/12/06. GREEVES, J.T. Engineering Branch (Post 831001). 10pp. 27452:148.
- 8411080286 Forwards preliminary reviews of ONWI-388 & ONWI-491 re methodology & analysis of hydrogeologic tests conducted in deep boreholes in Paradox Basin, per 840606 request. No addl effort on review will be expended at present.
ROWE, J. Golder Associates. FIN B-7390. 84/04/224. 84/06/19. COOKE, B. Division of Waste Management. 42pp. 27482:231.
- 8411080291 Summarizes 831213 US Natl Committee for Rock Mechanics & Tunneling Technology joint briefing re committee formation, past & present activities & future goals. Activities of interest to NRC listed.
SEAMANS, T.L. Engineering Branch (Post 831001). B-6932. 83/12/21. GREEVES, J.T., NATARAJA, M.S. Engineering Branch (Post 831001). 1p. 27433:177.
- 8411080293 Forwards marked-up Apps B & C to ORNL draft staff technical position on repository environs. Document reproduces BNL work over 3-yr period. Low & high-cycle fatigue excessively treated.
SOD, P. Brookhaven National Laboratory. FIN B-0288. 83/11/07. WICK, E.A. High Level Waste Licensing Management Branch. 75pp. 27457:030.
- 8411080299 "US Natl Committee for Rock Mechanics Activities Quarterly Rept," Oct-Dec 1983.
WAGNER, J.E. National Research Council. FIN B-6932. 84/02/06. SEAMANS, T. NRC - No Detailed Affiliation Given. 3pp. 27453:178.

NONDOCKETED ITEMS

417

8411080304 Comments on Apps B & C to "Draft Staff Technical Position on Repository Environ Parameters Relevant to Assessing Performance of High Level Waste Packages." Apps well written & purpose adequately referenced.
CHANG, K.C. Engineering Branch (Post 831001). FIN B-0288. 83/11/15.
CROFF, A.G. Oak Ridge National Laboratory. 7pp. 27456:352.

8411080310 Forwards summary of 831213 US Natl Committees for Rock Mechanics & Tunneling Technology briefing re current tunneling & rock mechanics programs & needs. Briefing informative & useful.
HEISLER, S.V. National Research Council. FIN B-6932. 84/03/02.
SEAMANS, T. NRC - No Detailed Affiliation Given. 6pp. 27453:181.

8411080311 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components." monthly progress rept for Nov 1983.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 83/12/12.
CHANG, K.C. Engineering Branch (Post 831001). 3pp. 27456:359.

8411080316 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components." monthly progress rept for Dec 1983.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 84/01/09.
CHANG, K.C. Engineering Branch (Post 831001). 3pp. 27457:001.

8411080320 Forwards rough draft of topical review "Review & Assessment of Radionuclide Solubility Info for BWIP Site." Draft is complete rewrite dealing specifically w/current BWIP approach & experimentally measured values.
WHITLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 84/06/12.
BROOKS, D.J. Geotechnical Branch (Post 831001). 1p. 27482:294.

--8411080325 "Review & Assessment of Radionuclide Solubility Info for BWIP Site." first draft.
BLANCE, J.G., WHITLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 84/06/15. Office of Nuclear Material Safety & Safeguards, Director. 108pp. 27482:295.

8411080323 "Draft Staff Technical Position on Repository Environ Parameters Relevant to Assessing Performance on High Level Waste Packages."
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 84/01/12.
CHANG, K.C. Engineering Branch (Post 831001). 65pp. 27453:011.

8411080327 Addresses changes in technical proposal for Tasks 4 & 5 of repository design codes under "Benchmarking of Computer Codes & Licensing Assistance." Major revs to proposal listed.
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/03/14. GUSTAVE, R. NRC - No Detailed Affiliation Given. 16pp. 27453:193.

8411080329 Comments on draft "Fault Trees Depicting Failure of High Level Radwaste Packages." Applicability & practicality of fault trees to waste package assessment questioned. Methodology next to impossible to quantify & implement.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 84/01/24.
CHANG, K.V. Engineering Branch (Post 831001). 5pp. 27453:072.

8411080330 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components." monthly progress rept for May 1984.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 1257. 84/05/29. CHANG, K.C. Engineering Branch (Post 831001). 2pp. 27483:040.

8411080331 Forwards comments on BWIP Hydrochemistry Workshop held during wk of 840109 in Richland, WA. Lumping data by basalt formation should be justified.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/01/13. GORDON, M. Division of Waste Management. 4pp. 27453:077.

8411080332 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components." progress rept for Apr 1984.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 1154. 84/05/08. CHANG, K.C. Engineering Branch (Post 831001). 2pp. 27483:042.

8411080334 Comments on "Benchmarking of Computer Codes & Licensing Assistance." monthly progress rept for Nov 1983. Problems that address chemical or geochemical effects on waste package limited.
FEHRINGER, D.J. Repository Projects Branch (Post 831001). FIN B-6985. NRC-02-81-026. 84/01/18. VOGT, D.K. CorSTAR Research, Inc. 2pp. 27453:209.

8411080336 Trip rept of 840108-13 visit to Richland, WA to review hydrochemistry data collected by Rockwell Hanford Operations since Jul 1982 data review & to view site drilling & piezometer installation operations on DC-19 cluster.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/01/17. GORDON, M. Division of Waste Management. 1p. 27453:081.

8411080338 Forwards Page 77 & Figure 3.1 (Page 44a) to NUREG/CR-3572, inadvertently omitted during publication process.
WARREN, B.P. Oak Ridge National Laboratory. FIN B-0289. 1252. 84/05/24. NRC - No Detailed Affiliation Given. 3pp. 27483:044.

8411080341 "Benchmarking of Computer Codes & Licensing Assistance." monthly ltr progress rept for Dec 1983.
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/01/13. FEHRINGER, D. Division of Waste Management. 28pp. 27453:211.

8411080342 Draft "Purpose, Objectives & Discussion Items for Workshop on Geochemistry W/Dfc of Nuclear Waste Isolation." Ltr Rept LR 4.2-2.
JACOBS, G.K. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 84/01/23. BROOKS, D.J. Geotechnical Branch (Post 831001). 4pp. 27453:082.

8411080345 "Technical Assistance for Assessment of Repository Siting & Design." quarterly progress rept for Jan-Mar 1984.
AMEY, E.B. Interior, Dept. of Bureau of Mines. FIN B-6934. 1152. 84/05/04. FLEENOR, C. Division of Contracts. 4pp. 27483:047.

8411080352 Forwards correspondence re proprietary use of MA28 subroutine in computer code TOUGH, per 831201 telcon. NRC wants to dispel existing proprietary restrictions on code to enable use in regulatory analyses.
CORRADO, J.A. Geotechnical Branch (Post 831001). FIN B-3109. 83/12/09. OLSON, K.R. Lawrence Berkeley Laboratory. 1p. 27452:095.

--8411080360 Requests info re proprietary restrictions on nonresearch related applications of MA28 package & users manual. Code will be used to evaluate potential high level radwaste disposal sites.
ORNSTEIN, P.M. High Level Waste Licensing Management Branch. 83/09/06. MARLOW United Kingdom Atomic Energy Authority. 1p. 27452:096.

--8411080367 Forwards agreement re NRC use of subroutine in MA28 computer code from LBL for nonresearch related applications.
COUSINS, L.B. United Kingdom Atomic Energy Authority. AI/R/662. 83/10/31. ORNSTEIN, P.M. High Level Waste Licensing Management Branch. 5pp. 27452:097.

--8411080378 Forwards tape listing illustrating COMMENT records inserted into SHAFT79 package permitting inclusion of Harwell Library subroutines & draft brochure describing software info & exchange program. W/o draft brochure.
BUTLER, M. Argonne National Laboratory. 83/11/28. ORNSTEIN, P. Division of Waste Management. 3pp. 27452:102.

8411080354 "State-of-the-Art Assessment for Large Diameter Horizontal Nuclear Waste Emplacement Holes." monthly progress rept for Mar 1984.
AMEY, E.B. Interior, Dept. of Bureau of Mines. FIN B-6934. 1168. 84/04/23. FLEENOR, C. Division of Contracts. 4pp. 27483:051.

8411080363 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components." progress rept for Mar 1984.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 1208. 84/04/09. CHANG, K.C. Engineering Branch (Post 831001). 2pp. 27483:055.

8411080365 Forwards comments & questions of participants in 840524-25 data review meeting re DOE response to NRC 830615 ltr re exploratory shaft const & sealing. GA aspects not considered in detail per agreement.
SINGH, M.M. Engineers International, Inc. FIN D-1004. 1224. 84/05/31. BUCKLEY, J. Engineering Branch (Post 831001). 9pp. 27483:172.

8411080368 "Info Required for Conceptual Model of Repository Located at Nevada Test Site W/Emphasis on Geochemistry." Ltr Rept LR 4.2-3.
JACOBS, G.K., CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-18-03-01. 84/01/30. BROOKS, D.J. Geotechnical Branch (Post 831001). 8pp. 27453:126.

8411080375 Forwards ORNL Ltr Rept LR 4.1-14, "Suggested Activity to Review Chemical Status of Radioactive Elements in Spent Fuel" for review. Comments requested by 840227.
BROOKS, D.J. Geotechnical Branch (Post 831001). FIN B-0287. 84/02/13. GREEVES, J.T., WICK, E. Engineering Branch (Post 831001). 4pp. 27453:134.

NONDOCKETED ITEMS

- 8411080377 Summary of 840524-25 meetings w/Engineers Intl, Sandia Natl Labs & US Bureau of Mines in Silver Spring, MD re status of key document reviews & guidance for review of Salt Repository Project data base documentation.
* NRC - No Detailed Affiliation Given. FIN D-1004. 1325.
84/06/01. NRC - No Detailed Affiliation Given. 21pp. 27483:151.
- 8411080381 "Suggested Activity to Review Chemical Status of Radioactive Elements in Spent Fuel," Ltr Rept LR 4.1-14.
KELMERS, A.D., CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287.
NRC-50-19-03-01. 84/01/18. BROOKS, D.J. Geotechnical Branch (Post 831001). 4pp. 27453:138.
- 8411080383 Meeting rept of 840117-18 meetings w/NRC in Silver Spring, MD, to prepare for data review visit to BWIP site in Richland, WA on 840124-27.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/02/01. SEAMANS, T. Engineering Branch (Post 831001). 14pp. 27452:105.
- 8411080385 "Technical Assistance in Geochemistry," monthly progress rept for Jan 1984.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287.
NRC-50-19-03-01. 84/02/09. BROOKS, D.J. Geotechnical Branch (Post 831001). 4pp. 27453:142.
- 8411080390 "Technical Assistance in Geochemistry," meeting rept of 840109-13 DOE/NRC workshop in Richland, WA.
BLENCOE, J.G., KELMERS, A.D., CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-18-03-01. 84/02/02. BROOKS, D.J. Geotechnical Branch (Post 831001). 31pp. 27453:146.
- 8411080391 "Disturbed Rock Zone Around Nuclear Waste Repositories - Rock Mechanics Considerations."
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/01/09. SEAMANS, T. Division of Waste Management. 7pp. 27452:119.
- 8411080397 "Review of BMI/DNWI-513, 'Salton Sea Geothermal Field, CA, as Near-Field Natural Analog of Radwaste Repository in Salt,'"
Ltr Rept LR 4.1-17.
JACOBS, G.K., WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 84/02/29. BROOKS, D.J. Geotechnical Branch (Post 831001). 4pp. 27456:149.
- 8411080398 Comments on Nov 1983 monthly progress rept re technical assistance for design reviews. Draft site technical positions should be based on Design Issues 4.1.2.2 & 4.2.3.1 from list submitted to NRC on 831019.
SEAMANS, T. Engineering Branch (Post 831001). FIN B-7328.
NRC-02-82-030. 84/01/03. RAJARAM, V. Engineers International, Inc. 1p. 27456:297.
- 8411080404 "Comments on Draft Exploratory Shaft Test Plan for BWIP," draft final rept for Task Order 007.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/01/04. SEAMANS, T. Engineering Branch (Post 831001). 20pp. 27456:298.
- 8411080407 Responds to NRC request for addl info re trip rept concerning Intl Symposium on Scientific Basis for Nuclear Waste Mgt. Items ORNL considers unfocused or of limited relevance discussed & basis for consideration explained.
KELMERS, A.D. Oak Ridge National Laboratory. FIN B-0287. 84/02/23. BROOKS, D.J. Geotechnical Branch (Post 831001). 2pp. 27456:153.
- 8411080408 "Technical Assistance for Design Reviews," monthly progress rept for Nov 1983.
HAMBLEY, D.F. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 83/12/16. SEAMANS, T. Engineering Branch (Post 831001). 11pp. 27456:318.
- 8411080413 "Assessment of Water Intrusion Into Geologic High Level Waste Repositories in Bedded Salt, Dome Salt, Tuff & Basalt," final abstract rept for Task Order 006.
CUMMINGS, R.A., KENDORSKI, F.S., RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 83/12/28. SEAMANS, T. High Level Waste Technical Development Branch. 23pp. 27456:329.
- 8411080414 "Technical Assistance in Geochemistry," monthly progress rept for Feb 1984.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 84/03/09. BROOKS, D.J. Geotechnical Branch (Post 831001). 4pp. 27456:158.
- 8411080416 "Trip Rept for Data Review Visit to Richland, WA During 840124-26."
* Engineers International, Inc. FIN B-7328. NRC-02-82-044. 84/02/09. SEAMANS, T.L. Engineering Branch (Post 831001). 26pp. 27457:004.
- 8411080418 Forwards blank & completed set of coding forms for Earth Sciences Data Base, designed to make data collection & coding more efficient & uniform. Summary of NRC 840605 meeting w/CorSTAR & Acres Consulting Svcs, Ltd also encl.
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81026. 84/06/19. BROOKS, P. Division of Waste Management. 17pp. 27487:249.
- 8411080425 Summary of 840605 meeting w/NRC & CorSTAR in Silver Spring, MD re approach to benchmarking repository design codes under Tasks 4 & 5 of Contract NRC-02-81-026.
CURTIS, R.H. Acres Consulting Services, Ltd. FIN B-6985. P6678. 230. 84/08/06. Acres Consulting Services, Ltd. 23pp. 27487:268.
- 8411080419 "Technical Assistance in Geochemistry & Effect of Repository Environments on Performance of Waste Package/Engineered Sys Components," Meeting Rept MR 4.1-9.
CLAIBORNE, H.C., KELMERS, A.D., CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 83/12/08. BROOKS, D.J. Geotechnical Branch (Post 831001). CHANG, K.C. Engineering Branch (Post 831001). 49pp. 27456:162.
- 8411080430 Forwards review of potential methane hazard at BWIP, per Interagency Agreement NRC-02-80-075.
FORSHEY, D.R. Interior, Dept. of, Bureau of Mines. FIN B-6934. 1175. 84/04/26. TIKTINSKY, D.H. Division of Waste Management. 3pp. 27487:291.
- 8411080431 Comments on Oct 1983 monthly progress rept for "Technical Assistance for Geochemistry." Progress on Tasks 1-5 satisfactory.
BROOKS, D.J. Geotechnical Branch (Post 831001). FIN B-0287. NRC-50-19-03-01. 83/11/30. CROFF, A.G. Oak Ridge National Laboratory. 2pp. 27456:211.
- 8411080434 "Technical Assistance in Geochemistry," monthly progress rept for Nov 1983.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 83/12/12. BROOKS, D.J. Geotechnical Branch (Post 831001). 5pp. 27456:213.
- 8411080437 "Preparation of Engineering Analysis for High Level Waste Packages in Geologic Repositories," monthly progress rept for Sept 1984.
STEPHENS, K.W. Aerospace Corp. FIN A-4165-4. 1575. 84/09/12. CHANG, K.C. NRC - No Detailed Affiliation Given. 62pp. 27405:153.
- 8411080438 "Benchmarking of Computer Codes & Licensing Assistance," monthly ltr progress rept for May 1984.
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/06/15. BROOKS, P. Division of Waste Management. 30pp. 27485:017.
- 8411080440 Forwards trip repts of visits to Pittsburgh, PA on 840112, Washington, DC on 831213-15 & Boston, MA on 831114-17.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 84/03/08. TIKTINSKY, D. Engineering Branch (Post 831001). 1p. 27485:047.
- 8411080459 Trip rept of NRC/DDI Bureau of Mines (BOM) 840112 meeting in Pittsburgh, PA re findings of Engineers Intl retrieval contract work & BOM work on horizontal drilling, per Task 1, Work Request 8.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 84/03/08. TIKTINSKY, D. Engineering Branch (Post 831001). 2pp. 27485:048.
- 8411080482 Trip rept of 831213-15 DOE info meeting in Washington, DC. Ltr combines observations under NRC Contracts NRC-02-82-031 & NRC-02-82-030, Task Order 004.
RAJARAM, V., KENDORSKI, F.S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 84/03/08. TIKTINSKY, D. Engineering Branch (Post 831001). 11pp. 27485:050.
- 8411080497 Trip rept re attendance at 831114-17 meeting of Matls Research Society, Symposium D, Seventh Intl Symposium on Scientific Basis for Nuclear Waste Mgt, in Boston, MA, per Task 2, Work Request 6. Meeting program & abstracts encl.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 84/03/08. TIKTINSKY, D. Engineering Branch (Post 831001). 54pp. 27485:061.
- 8411080441 Forwards marked-up "Draft Blanket Site Technical Position on Geochemical Issues for High Level Waste Disposal Facility at BWIP." Position should be rewritten addressing each issue raised by 10CFR60 & deleting Section 3.2.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287. 83/12/19. BROOKS, D.J. Geotechnical Branch (Post 831001). 63pp. 27456:218.

NONDOCKETED ITEMS

419

- 8411080442 Expresses appreciation for opportunity to review draft "Benchmarking of Flow & Transport Codes for Licensing Assistance: Vols I & II." Comments listed. SILLING, S.A. Affiliation Not Assigned. FIN B-6985. 1304. 84/07/04. KNAPP, M.R. Division of Waste Management. 6pp. 27485:115.
- 8411080444 "Need for Research to Develop Addl Chemical Info on Reduced Technetium Species & Compounds." Ltr Rept L-290-1. KEMMERS, A.D., MEYER, R.E., CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 83/12/20. STARMER, R.J. Geotechnical Branch (Post 831001). 5pp. 27456:284.
- 8411080445 Comments on draft "Parameters & Variables Appearing in Computer Codes for Waste Package Analysis." Addition of creep data for metals used as load-bearing components supported. BROOKS, P.P. Repository Projects Branch (Post 831001). FIN B-6985. 1160. 84/04/23. VOGT, D.K. CorSTAR Research, Inc. 16pp. 27485:125.
- 8411080446 Forwards annotated draft "BWIP Site Technical Position: Interpretation of Hydrogeologic Test in Deep Boreholes Using Data Obtained by Uphole Measurements." Analysis demonstrates effectiveness of downhole measurements at BWIP. WILLIAMS, R.E. Williams & Associates. FIN B-7372-3. NRC-02-82-044. 84/10/01. GORDON, M. Division of Waste Management. 47pp. 27405:096.
- 8411080447 Advises of no further need to restrict applicability of Title 1 of Public Law 95-604 at Falls City Site Remedial action proceeding per 840731 discussions w/State of TX. BAUBLTZ, J.E. Energy, Dept. of. NE-24. 84/10/03. MORLEY, J.A. Energy, Dept. of. 2pp. 27405:094.
- 8411080448 "Benchmarking of Computer Codes & Licensing Assistance." monthly ltr progress rept for June 1984. VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/07/15. BROOKS, P. Division of Waste Management. 11pp. 27485:141.
- 8411080450 Recommends May 1984 Workshop on Geochemical Modeling be postponed to Sept 1984. Cites need for ORNL attendance at other May 1984 waste mgt meetings & upcoming review of environ assessments as reasons for postponement. CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287. 83/12/21. BROOKS, D.J. Geotechnical Branch (Post 831001). 3pp. 27456:281.
- 8411080454 Comments on Aug 1984 monthly progress rept for FIN B-7389. List of newly acquired ref documents satisfactory. Document review sheet & technical notes encl. COOKE, B.A. Geotechnical Branch (Post 831001). FIN B-7389. 1544. 84/09/21. WILLIAMS, R.E. Williams & Associates. 12pp. 27405:053.
- 8411080455 "Technical Assistance in Geochemistry." monthly progress rept for Dec 1983. CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 84/01/09. BROOKS, D.J. Engineering Branch (Post 831001). 5pp. 27456:289.
- 8411080456 Forwards list of conversion factors for analysis of radon risk. Notification of whether factors represent opinion of scientific community requested. COLLINS, R. Virginia, Univ. of. Charlottesville, VA. 84/10/10. HIGGINSBOTHAM, L. Low-Level Waste & Uranium Recovery Projects Branch. 2pp. 27405:053.
- 8411080458 Comments on draft rept, "Benchmarking of Flow & Transport Codes for Licensing Assistance." Addl specific comments & marked-up pages encl. Document should be subj to thorough technical editing. BROOKS, P.P. Repository Projects Branch (Post 831001). FIN B-6985. 1353. 84/07/13. VOGT, D.K. CorSTAR Research, Inc. 52pp. 27485:152.
- 8411080462 "Review of State-of-the-Art & Preliminary Assessment of Feasibility of Modeling Transport of Radionuclides as Colloidal Particles in Geologic Media." Ltr Rept LR 4.1-13. CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287. LR 4.1-13. 84/01/13. BROOKS, D.J. Geotechnical Branch (Post 831001). 3pp. 27456:294.
- 8411080463 Forwards "Revised Benchmark Problems for Repository Siting Models." final rept. for review. MILLS, M.T. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/06/28. BROOKS, P. Division of Waste Management. 1p. 27485:205.
- 8411080468 "Revised Benchmark Problems for Repository Siting Models." final rept. ROSS, B., MERCER, J.W., THOMAS, S.D. Geotrans, Inc. FIN B-6985. 84/06/30. NRC - No Detailed Affiliation Given. 130pp. 27485:206.
- 8411080464 Forwards schedule & arrangements for 841022-26 Gamma-Ray Instrument Calibr Comparison Workshop in Grand Junction, CO. WHITE, M.G., DURAY, J.R. Energy, Dept. of. 84/10/04. FLORY, C.A. Low Level Waste Licensing Branch. 10pp. 27405:043.
- 8411080466 Responds to BWIP comments on NRC draft Site Technical Position 1.1. "Hydrologic Testing Strategy for BWIP." WILLIAMS, R.E. Williams & Associates. FIN B-7372-3. 1574. 84/10/05. GORDON, M. Division of Waste Management. 7pp. 27405:036.
- 8411080469 "Review of RHO-BW-SA-297 P. 'Computer Code for Producing Eh-pH Plots of Equilibrium Chemical Sys.'" Ltr Rept LR 4.1-15. JACOBS, G.K., CROFF, A.G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 84/01/20. BROOKS, D.J. Geotechnical Branch (Post 831001). 2pp. 27448:194.
- 8411080477 RHO-BW-SA-299 P "Computer Code for Producing Eh-pH Plots of Equilibrium Chemical Sys." DREWES, D.R. Rockwell International Corp. FIN B-0287. 83/04/30. 21pp. 27448:196.
- 8411080471 "Technical Assistance for In Situ Testing." sixth monthly rept for Aug 1984. CUMMINGS, R.A. Engineers International, Inc. FIN D-1004. 1567. 84/10/12. BUCKLEY, J. Engineering Branch (Post 831001). 13pp. 27416:061.
- 8411080476 "Licensing & Methodology Integration & Probability Techniques." "Short Term Technical Assistance" & "Monitor/ Review Aspects of DOE & Other Natl & Intl Waste Mgt Programs." summary repts for month of Sept 1984. CRANWELL, R.M. Sandia Laboratories. FIN A-1165. 1569. 84/10/10. PEETERS, L.A. Repository Projects Branch (Post 831001). 5pp. 27416:054.
- 8411080479 Advises that vicinity property at CVWRFB treatment plant site needs to be remediated during const season. Necessary items to be changed in radiological & engineering assessment will be submitted for review & concurrence. DAY, M.S. Utah, State of. 84/10/03. MARTIN, D. NRC - No Detailed Affiliation Given. 1p. 27416:053.
- 8411080480 Forwards rept of 840417-18 meeting w/NRC in Silver Spring, MD re review of Salt repository data base documentation. CUMMINGS, R.A., SINGH, M.M. Engineers International, Inc. FIN D-1004. 1199. 84/05/15. BUCKLEY, J. High Level Waste Technical Development Branch. 8pp. 27485:360.
- 8411080481 Forwards "Geophysics: Surface Gravity Measurement & Data Reduction." IMSE, J. Weston Geophysical Corp. FIN D-1003. 1577. 84/10/10. RICE, B. Geotechnical Branch (Post 831001). 2pp. 27416:040.
- 8411080486 "Geophysics: Surface Gravity Measurement & Data Reduction." PONCE, D.A., SAMPSON, H.E., OLIVER, H.W. Interior, Dept. of, Geological Survey. FIN D-1003. 82/05/11. 11pp. 27416:042.
- 8411080484 Comments on 831209 trip rept & "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components." progress rept for Nov 1983. Review of papers presented at Symposium on Scientific Bases for Nuclear Waste Mgt. CHANG, K.C. Engineering Branch (Post 831001). FIN B-0288. 83/12/29. CROFF, A.G. Oak Ridge National Laboratory. 1p. 27448:023.
- 8411080487 UCID-19926 "Initial Specs for Nuclear Waste Package External Dimensions & Matls." GREGG, D.W., O'NEAL, W.C. Lawrence Livermore National Laboratory. FIN B-0288. 83/09/30. 22pp. 27448:024.
- 8411080489 RHO-BW-SA-297 P "Modeling Fluid Flow in Fractured-Porous Rock Masses by Finite-Element Techniques." BACA, R.G., ARNETT, R.C., LANGFORD, D.W. Rockwell International Corp. 83/04/30. 34pp. 27448:041.
- 8411080493 RHO-BW-SA-323AP Paper entitled, "Stochastic Analysis of Groundwater Traveltimes for Long-Term Repository Performance Assessment," presented at 831114 Matis Research Symposium on Scientific Basis of Nuclear Waste Mgt in Boston, MA. CLIFTON, P.M., BACA, R.G., ARNETT, R.C. Rockwell International Corp. FIN B-0288. 83/10/31. 9pp. 27448:062.
- 8411080500 UCS-NE-4038 "Geologic Disposal of Radwaste - 1983." PIGFORD, T.H. California, Univ. of, Berkeley, CA. FIN B-0288. LBL-16795. 83/10/31. 51pp. 27448:071.

NONDOCKETED ITEMS

- 8411080485 Forwards scoping reviews of environ assessments for Yucca Mountain & Salt Sites & review of document entitled, "Application of Population Balance to Assessment of Importance of Radioactive Colloids in High Level Waste Mgt." WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 1561. 84/10/17. BROOKS, D.J. Geotechnical Branch (Post 831001). 1p. 27416:019.
- 8411080491 "Scoping Review of Draft Environ Assessments for Yucca Mountain Site." 1tr rept. BLENDE, J.G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-1. 84/10/17. NRC - No Detailed Affiliation Given. 12pp. 27416:020.
- 8411080495 "Scoping Review of Draft Environ Assessments for Salt Sites." 1tr rept. JACOBS, G.K. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-1. 84/10/15. NRC - No Detailed Affiliation Given. 6pp. 27416:032.
- 8411080503 "Review of Document Entitled 'Application of Population Balance to Assessment of Importance of Radioactive Colloids in High Level Waste Mgt.' by HE Nuttall, MD Siegel & EJ Bonano." 1tr rept. LEE, S.Y. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-1. 84/10/10. NRC - No Detailed Affiliation Given. 2pp. 27416:038.
- 8411080496 Summary of 840417 meeting w/Engineers Intl, Itasca, Sandia Natl Labs & DOI Bureau of Mines re document review. * NRC - No Detailed Affiliation Given. FIN D-1004. 1180. 84/04/24. NRC - No Detailed Affiliation Given. 7pp. 27486:006.
- 8411080501 Forwards review of "Investigation of Equivalent Porous Medium Permeability in Networks of Discontinuous Fractures." Task Order 002 complete. CUMMINGS, R.A. Engineers International, Inc. FIN D-1004. 1159. 84/05/08. BUCKLEY, J. Engineering Branch (Post 831001). 6pp. 27486:013.
- 8411080504 Forwards comments on WTSD-TME-030. "Packing Emplacement Development Tests." Addl development of pneumatic emplacement techniques for backfilling horizontal boreholes needed. THIMONS, E.D. Interior, Dept. of, Bureau of Mines. FIN B-6934. 1557. 84/09/06. TIKITSKY, D.H. Engineering Branch (Post 831001). 3pp. 27416:001.
- 8411080506 Forwards 1983-84 tritium data for Beatty, NV facility, per K Waller request. Data covers Wells 301 & 302. Sample results provided through June 1984. MARTINEZ, E.D. U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.). 84/10/22. SCHAFFNER, J. NRC - No Detailed Affiliation Given. 2pp. 27408:358.
- 8411080516 Forwards final "Draft Staff Technical Position on Repository Environ Parameters Relevant to Assessing Performance of High Level Waste Packages." NUREG-1076. Position needs to be generalized to include all repository media. CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 1195. 84/05/14. CHANG, K.C. Engineering Branch (Post 831001). 2pp. 27405:018.
- 8411080521 "Technical Assistance for In Situ Testing." monthly progress rept for May 1984. CUMMINGS, R.A. Engineers International, Inc. FIN D-1004. NRC-02-84-002. 84/06/14. BUCKLEY, J. Engineering Branch (Post 831001). 14pp. 27486:022.
- 8411080527 Forwards data inventory sheets for documents re rock mechanics & seal & backfill matls. Addl listing of document requirements also encl. Review sheets for key documents will be submitted w/June 1984 monthly rept. JENNINGS, R.L. Engineers International, Inc. FIN D-1004. 1267. 84/06/14. BUCKLEY, J. High Level Waste Technical Development Branch. 34pp. 27486:036.
- 8411080528 "Reviewing Hydrogeologic Investigations of Nevada Test Site-Project C." monthly progress rept for Apr 1984. WILLIAMS, R.E. Williams & Associates. FIN B-7377-2. 1162. 84/05/04. POHLE, J. Division of Waste Management. 3pp. 27486:070.
- 8411080532 Forwards comments on "Policy Questions re Role of Field Testing in Establishment of Radwaste Repository" & trip rept of 840530 meeting w/NRC, per Task Order 006. SINGH, M.M. Engineers International, Inc. FIN D-1004. 1253. 84/06/13. GREEVES, J.T. NRC - No Detailed Affiliation Given. 26pp. 27486:080.
- 8411080534 Submits salt repository project rept for wk of 841015. DOE in process of mailing fifth draft of environ assessments to states, affected Indian tribes & NRC. DOE peer reviews ineffective & serve no purpose. VERMA, T.R. NRC - No Detailed Affiliation Given. 720. 84/10/18. BROWNING, R.E. Division of Waste Management. 1p. 27408:189.
- 8411080539 Transcript of CJ Warner & JW Bennett 841012 statement in Salt Lake City, UT re natl program for mgt of spent nuclear fuel & high level radwaste. WARNER, C.J., BENNETT, J.W. Energy, Dept. of. 84/10/12. 8pp. 27408:190.
- 8411080535 Requests NRC assistance in obtaining listed documents. BHATTACHARYA, S. Engineers International, Inc. FIN D-1004. 1258. 84/06/13. DUTTA, P. Engineering Branch (Post 831001). 3pp. 27486:106.
- 8411080543 Forwards list of key documents & data review documents for BWIP. RAJARAM, V. Engineers International, Inc. FIN D-1004. 1227. 84/06/08. BUCKLEY, J.T. High Level Waste Technical Development Branch. 9pp. 27486:109.
- 8411080546 Notifies of listed upcoming meetings, including 841009 meeting in Silver Spring, MD re training of NRC on computer access to SRP data base & 841012 hearing before Congressman Udall Subcommittee on Energy & Environ in Salt Lake City, UT. TAYLOR, T.J. Energy, Dept. of. 691. 84/10/04. LINEHAN, J. NRC - No Detailed Affiliation Given. HINCHMAN, J., FRISHMAN, S. Energy, Dept. of. 1p. 27407:114.
- 8411080551 Forwards record of 840925 telcon w/NRC re performance assessment section in environ assessment of BWIP. ASH, E.B. Rockbestos Co. RB4-3493. 84/10/01. OLSON, D.L. Energy, Dept. of. 2pp. 27407:110.
- 8411080561 "Review Hydrogeologic Investigations of Nevada Test Site-Project C." monthly progress rept for May 1984. WILLIAMS, R.E. Williams & Associates. FIN B-7377-2. 1254. 84/06/08. POHLE, J. Division of Waste Management. 3pp. 27486:118.
- 8411080562 Comments on Aug 1984 monthly progress rept, "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures." Progress satisfactory. BRADBURY, J.W. Geotechnical Branch (Post 831001). FIN B-0290. 1545. 84/09/27. WHATLEY, S.K. Oak Ridge National Laboratory. 6pp. 27407:092.
- 8411080563 Forwards State of WA, Dept of Social & Health Svcs 841011 interim approval of NUPAC high integrity container Model FL50, for disposal of addl 32 containers of low level waste under specified conditions. NUSSBAUMER, D.A. Assistant Director for State Agreements Programs. SA/KNS. 84/10/24. HIGGINBOTHAM, L. Low Level Waste Licensing Branch. BARRETT, L. Engineering Branch (Post 831001). 3pp. 27407:089.
- 8411080569 Comments on Sept 1984 monthly progress rept for FIN B-7389 re Lavender Canyon Site. List of newly acquired ref documents satisfactory. Environ assessment comments should be more developed in terms of concern categories. COOKE, B.A. Geotechnical Branch (Post 831001). FIN B-7389. NRC-02-82-033. 84/10/23. WILLIAMS, R.E. Williams & Associates. 11pp. 27407:071.
- 8411080571 Ack receipt of response to Congressional ltrs re selection of candidate sites for permanent nuclear waste repository. Unresponsiveness of reply suggests violation of procedures of Nuclear Waste Policy Act of 1982. SYNAR, M. House of Rep., Government Operations. OTTINGER, R.L. House of Rep., Energy & Commerce. 84/10/15. HODEL, D.P. Energy, Dept. of. 5pp. 27407:059.
- 8411080575 "Reviewing Hydrogeological Investigations of Nevada Test Site-Project D." monthly progress rept for Apr 1984. MERCER, J.W. Geotrans, Inc. FIN B-7378. 1190. 84/05/15. POHLE, J.A. Division of Waste Management. 11pp. 27486:123.
- 8411080576 Comments on draft generic technical position on licensing assessment methodology for high level waste geologic repositories. Issues re NRC interaction w/states & tribes in licensing process & impact of EPA stds unclear. LOUX, R.R. Nevada, State of. 392. 84/10/10. BROWNING, R.E. Division of Waste Management. 4pp. 27407:054.
- 8411080579 Comments on BWIP DES. Numerous refs missing. DES presents balanced & realistic assessment. Only depth testing can resolve uncertainties. DAEMEN, J. Sandia Laboratories. FIN A-1755. 1591. 84/10/23. BUCKLEY, J. Engineering Branch (Post 831001). 10pp. 27407:044.

NONDOCKETED ITEMS

421

8411080581 Suggests economic unfeasibility of any effort to remediate contaminated groundwater beneath Salt Lake City U Mill tailings site. Contamination has insufficient magnitude to warrant expensive pumping & treatment procedures. ALKEMA, K.L. Utah, State of. 84/10/11. MARTIN, D. NRC - No Detailed Affiliation Given. 1p. 27407:042.

8411080582 "BWIP Hydrogeology," monthly progress Ltr Rept 80 for Apr 1984. ROWE, J. Golder Associates. FIN B-7373. 1095. 84/05/11. GORDON, M. Division of Waste Management. 2pp. 27486:121.

8411080584 "Review of Draft Environ Assessments of Richton Dome, Perry County, MI, Palo Duro Basin, Suisher County, TX, Cypress Creek Dome, Perry County, MI, BWIP, WA Vacherie Dome Site, Webster & Bienville Parishes, LA...." FANNON, M.M. Weston Geophysical Corp. FIN D-1003. 1559. 84/10/04. RICE, B.R. Geotechnical Branch (Post 831001). 28pp. 27407:014.

8411080586 Summarizes NRC 840926 briefing on regulatory review process & role of IE. VIEH, D.L. Energy, Dept. of. 395. 84/10/12. PRESTHOLT, P.T. NRC - No Detailed Affiliation Given. BENNETT, J.W. Energy, Dept. of. 4pp. 27407:010.

8411080590 Forwards set of documents for review in preparation for upcoming BWIP/NRC 840612-13 Hydrogeology Workshop in Gaithersburg, MD. Documents include drilling & testing specs & head monitoring data for boreholes. W/o encl. GORDON, M. Geotechnical Branch (Post 831001). FIN B-7373. 1331. 84/05/14. WILLIAMS, R.E. Williams & Associates. 1p. 27486:139.

8411080591 Provides comments on Suisher County & Deaf Smith sites draft environ assessments. WAHI, K. Sandia Laboratories. FIN A-1755. 1585. 84/10/23. PESHEL, J., PEARING, J. NRC - No Detailed Affiliation Given. 37pp. 27406:335.

8411080597 Forwards list of key documents for NRC investigations of bedded & domal Salt as potential repository media. Several documents reviewed prior to list completion. Review of other documents underway. WINTER, G. Williams & Associates. FIN B-7389-3. NRC-02-83-033. 84/10/22. COOKE, B. Division of Waste Management. 8pp. 27406:327.

8411080599 Summarizes 840612-13 BWIP Hydrologic Characterization Plan/Status Workshop in Washington, DC & preworkshop meeting in Silver Spring, MD re current hydrologic info presented to NRC & updated large-scale hydrologic testing. ROWE, J. Golder Associates. FIN B-7373. 1321. 84/06/22. GORDON, M. Division of Waste Management. 7pp. 27486:140.

8411080600 Forwards proposed agenda for portion of Saturated Zone Characterization Workshop pertaining to saturated zone hydrology. Workshop could clarify portions of characterization program. MERCER, J.W. Geotrans, Inc. FIN B-7378-4. 1197. 84/05/11. POHLE, J.A. Division of Waste Management. 3pp. 27486:147.

8411080601 Responds to question re overall pumping rate allocation between transmissive layers of composite zone. Pumping rate allocation based on properties of transmissive units. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/09/26. GORDON, M. Division of Waste Management. 3pp. 27406:315.

8411080602 Comments on monthly progress rept for Aug 1984 & other contract-related activities. Draft repository site definition for tuff near completion. ORNSTEIN, P. Geotechnical Branch (Post 831001). FIN A-115B. 1546. 84/09/26. CRANHILL, R. Sandia Laboratories. 2pp. 27406:313.

8411080605 Forwards trip rept of 840917-21 visit & geologic data review at Nevada Test Site. WANKET, A.E. Army, Dept. of. FIN B-6935. 1593. 84/10/18. WESTBROOK, K. Division of Waste Management. 2pp. 27406:311.

8411080606 Forwards rough draft of BWIP hydrogeology uphole measurement site technical position. ROWE, J. Golder Associates. FIN B-7373. 1323. 84/07/13. GORDON, M. Division of Waste Management. 27pp. 27486:150.

8411080609 Suggests that MS Nataraja & J Peshel visit underground facility & experimental rooms at Waste Isolation Pilot Plant on 841017 to get realistic perspective on testing w/respect to high level waste repositories. ORTIZ, M.R. Sandia Laboratories. FIN A-1755. 1552. 84/09/25. PESHEL, J. High Level Waste Technical Development Branch. 1p. 27406:310.

8411080612 "Technical Assistance in Geophysical Methods for Site Characterization," monthly progress Ltr Rept 3 for June 1984. No task orders assigned during June. MURPHY, V.J. Weston Geophysical Corp. FIN D-1003. 1322. 84/07/12. RICE, B.J. Geotechnical Branch (Post 831001). 1p. 27486:177.

8411080625 "BWIP Hydrogeology," monthly progress Ltr Rept 82 rept for May 1984. ROWE, J. Golder Associates. FIN B-7373. 1225. 84/06/07. GORDON, M. Division of Waste Management. 3pp. 27486:179.

8411080626 Forwards DOE/NRC site-specific procedural agreement & revised DOE guidelines for financial assistance grants for review & comments. Documents will be discussed at 841115-16 meetings. TAYLOR, T.J. Energy, Dept. of. 84/10/15. LINEHAN, J.J. Repository Projects Branch (Post 831001). 17pp. 27406:274.

--8411080631 "Revised Internal General Guidelines on Nuclear Waste Repository Program Grants." * Energy, Dept. of. RW-1. 84/09/21. 13pp. 27406:291.

8411080627 Comments on BNL progress ltr for month of Jul 1984 for FIN A-3164, "Review of DOE Waste Package Program," & FIN A-3167, "Review of Waste Package Verification Tests." No changes to costs or delivery of contracts authorized. WICK, E.A. Engineering Branch (Post 831001). FIN A-3164. 1550. 84/09/21. SDO, P. Brookhaven National Laboratory. 2pp. 27406:272.

8411080630 Discusses review of monthly progress rept for Aug 1984, describing status of technical assistance under Contract NRC-02-82-046. Progress made to date satisfactory. POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7377. NRC-02-82-046. 84/09/27. WILLIAMS, R.E. Williams & Associates. 1p. 27406:271.

8411080632 Forwards topographic map of Yucca Mountain & vicinity, showing locations of trenches. Two trenches on Rock Valley fault not in map area. BALTZ, E.H. Interior, Dept. of, Geological Survey. 415. 84/08/28. COPELAND, S.A. Repository Projects Branch (Post 831001). 5pp. 27406:266.

8411080636 Forwards schedule for NRC/BWIP field trips of 841022-26. Geologic maps will be available for each trip. Transportation will be provided by Rockwell Hanford Operations & DOE. OLSON, D.L. Energy, Dept. of. 996. 84/10/05. WRIGHT, R.J. Repository Projects Branch (Post 831001). 3pp. 27406:263.

8411080637 Forwards State of WA, Nuclear Waste Board comments in response to draft DOE commingling rept. STEVENS, D.W. Washington, State of. 998. 84/10/10. RUSSELL, C. NRC - No Detailed Affiliation Given. 1p. 27406:245.

--8411080641 "Comments on DOE Defense Waste Commingling Study (DOE/DP-0020)." * Washington, State of. 84/09/24. 17pp. 27406:246.

8411080639 Forwards listed documents in response to Communication 92 for review in preparation for environ assessment review. W/o encl. GORDON, M. Geotechnical Branch (Post 831001). FIN B-7372. NRC-02-82-044. 84/10/09. WILLIAMS, R.E. Williams & Associates. 2pp. 27406:243.

8411080642 Forwards document review sheet, "Detailed Hydrogeologic Design Comment" format & examples of technical notes re hydrogeologic design for review of listed technical repts. TIKTINSKY, D.H. Division of Waste Management. FIN B-7328. 1543. 84/09/27. RAJARAM, V. Engineers International, Inc. 13pp. 27406:230.

8411080645 Requests that member of contract team attend NRC 841016-18 review of Paradox Basin geophysics data at Woodward-Clyde Consultants ofcs. LLL should submit ltr rept summarizing review of data. Proposed agenda encl. BLACKFORD, M.E. Geotechnical Branch (Post 831001). FIN A-0294. 1579. 84/10/10. CHUNG, D. Lawrence Livermore National Laboratory. 3pp. 27406:226.

8411080646 Advises that screening & candidate site selection for high level nuclear waste repositories flawed & will lead to unsafe recommendations. Abandonment of current site selection guidelines recommended. WHITE, M. Texas, State of. 721. 84/10/09. HODEL, D.P. Energy, Dept. of. 3pp. 27406:223.

8411080651 Submits Salt Repository Project site rept for wk of 841001. VERMA, T.R. Repository Projects Branch (Post 831001). 690. 84/10/05. BROWNING, R.E. Division of Waste Management. 2pp. 27406:221.

NONDOCKETED ITEMS

- 8411080652 Forwards tentative agenda for 841115-16 bimonthly meetings of potential host Salt States. Revised financial assistance guidelines & DOE-NRC site-specific agreement will be discussed at meeting.
TAYLOR, T. J. Energy, Dept. of. 695. 84/10/17. LINEHAN, J. J. Repository Projects Branch (Post 831001). 3pp. 27406:218.
- 8411080653 "Coupled Thermal Hydrological Mechanical Assessments & Site Characterization Activities for Geologic Repositories," monthly rept for Sept 1984.
BONANO, E. J. Sandia Laboratories. FIN A-1755. 1562. 84/10/10. NATARAJA, M. S. Engineering Branch (Post 831001). 3pp. 27406:215.
- 8411080657 "Technical Assistance for In Situ Testing," Ltr Progress Rept 58 for Sept 1984.
BHATTACHARYA, S. Engineers International, Inc. FIN D-1004. NRC-02-84-002. 84/10/19. BUCKLEY, J. Engineering Branch (Post 831001). 9pp. 27406:160.
- 8411080665 Forwards comments on fourth draft of Salt environ assessment. Further testing & data evaluation required re unknown discharge from Hydrostratographic Unit C.
WINTER, G. Williams & Associates. FIN B-7389-3. 1563. 84/10/16. COOKE, B. Division of Waste Management. 24pp. 27406:132.
- 8411080668 "Seismo-Tectonic Impacts in Repositories," Monthly Mgt Ltr Progress Rept 17 for Sept 1984.
CHUNG, D. H., CUMMINGS, G. E. Lawrence Livermore National Laboratory. FIN A-0294. EG-077-080/NBI. 84/10/10. BLACKFORD, M. E. Geotechnical Branch (Post 831001). 3pp. 27406:129.
- 8411080670 "Benchmarking of Computer Codes & Licensing Assistance," monthly progress rept for Sept 1984.
VOGT, D. K. CorSTAR Research, Inc. FIN B-6985. 1576. 84/10/15. BROOKS, P. Division of Waste Management. 37pp. 27406:092.
- 8411080672 "Maint & Validation of Computer Programs," monthly rept for Sept 1984.
CRANWELL, R. M. Sandia Laboratories. FIN A-1166. 1573. 84/10/10. CODELL, R. Geotechnical Branch (Post 831001). 4pp. 27406:088.
- 8411080673 "Review of DOE Waste Package Program" & "Waste Package Verification Tests," monthly mgt repts for Sept 1984.
KATO, M. Y., SOD, P., DAVIS, M. S. Brookhaven National Laboratory. FIN A-3164. 1586. 84/10/19. WICK, E. A. High Level Waste Licensing Management Branch. 27pp. 27406:061.
- 8411080676 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," progress rept for Sept 1984.
WHATLEY, S. K. Oak Ridge National Laboratory. FIN B-0290. 1566. 84/10/10. BRADBURY, J. W. Geotechnical Branch (Post 831001). 6pp. 27406:055.
- 8411080677 Comments on Monthly Mgt Ltr 17, summarizing progress under FIN A-0294 for Aug 1984. Reviews & comments on draft environ assessments for Salt Sites of excellent quality.
BLACKFORD, M. E. Geotechnical Branch (Post 831001). FIN A-0294. 1549. 84/10/04. CHUNG, D. Lawrence Livermore National Laboratory. 2pp. 27406:052.
- 8411080678 Discusses role, scope & issues of NRC review of DOE environ assessments & issues for candidate repositories per 840830 request, NRC/DOE procedural agreement, NRC environ assessments review & news article encl.
BROWNING, R. E. Division of Waste Management. 84/10/10. CUNNINGHAM, R. E. Division of Fuel Cycle & Material Safety. 12pp. 27406:040.
- 8411080680 Notifies of listed upcoming meetings, including 841012 hearing before Congressman Udall Subcommittee on Energy & Environ in Salt Lake City, UT & 841016-18 NRC & Salt Repository Project Ofc visit to WCC.
TAYLOR, T. J. Energy, Dept. of. 694. 84/10/11. LINEHAN, J. NRC - No Detailed Affiliation Given. HINCHMAN, J., FRISHMAN, S. Energy, Dept. of. 1p. 27406:039.
- 8411090001 Submits Salt Repository Project site rept for wk of 841008.
VERMA, T. R. NRC - No Detailed Affiliation Given. 696. 84/10/15. BROWNING, R. E. Division of Waste Management. 1p. 27418:362.
- 8411090002 Discusses M Day of State of UT 841003 ltr re intent of State to proceed w/major vicinity property remedial action prior to receiving NRC concurrence. NRC concurrence in remedial action required in advance.
MARTIN, D. E. NRC - No Detailed Affiliation Given. 84/10/12. HIGGINBOTHAM, L. NRC - No Detailed Affiliation Given. 1p. 27419:360.
- 8411090003 "Technical Assistance for Design Reviews," monthly technical rept for Sept 1984.
RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/10/19. TIKTINSKY, D. Engineering Branch (Post 831001). 3pp. 27419:357.
- 8411090004 "Repository Site Description & Technology Transfer," monthly rept for Sept 1984.
CRANWELL, R. M. Sandia Laboratories. FIN A-1198. 1572. 84/10/10. DRNSTEIN, P. M. Geotechnical Branch (Post 831001). 3pp. 27419:352.
- 8411090006 Advises that project notes & documents re "Salt Hydrogeology" being forwarded per Contract NRC-02-83-034 & 840831 ltr. Document inventory included documents obtained for library, other projects or as normal acquisitions.
ROWE, J. Golder Associates. FIN B-7390. NRC-02-83-034. 84/09/25. COOKE, B. Division of Waste Management. 1p. 27418:361.
- 8411090012 Comments on draft technical position re hydrologic testing strategy for BWIP. Document more prescriptive than warranted by present knowledge of hydrology of basaltic terrane.
BLANCHARD, B. Interior, Dept. of. 995. 84/10/10. MILLER, H. J. Repository Projects Branch (Post 831001). 4pp. 27423:338.
- 8411090013 Notifies that NNWSI project/NRC mgt 841015 meeting will be canceled until mutually acceptable arrangements can be made per 841003 telcon.
VIETH, D. L. Energy, Dept. of. 390. 84/10/04. COPLAN, S. M. Repository Projects Branch (Post 831001). 1p. 27423:337.
- 8411090014 Forwards Sergeant, Hauskins & Beckwith statement of work re UMTRAP, in response to 840914 request. Suggests contacting Ofc of Civilian Radwaste Mgt for statement of work re high level waste disposal program.
MORLEY, J. A. Energy, Dept. of. 84/10/12. HIGGINBOTHAM, L. Low-Level Waste & Uranium Recovery Projects Branch. 33pp. 27423:304.
- 8411090017 Forwards D Gupta preliminary itinerary for field trip to visit JS Redpath shaft-sinking projects in Canada during wk of 841022. Itinerary telefaxed to D Gupta on 841018.
NEFF, J. D. Energy, Dept. of. 719. 84/10/19. LINEHAN, J. J. Repository Projects Branch (Post 831001). 3pp. 27418:337.
- 8411090018 Notifies of listed upcoming meetings, including 841016 NRC & Salt Repository Project Ofc (SRPD) visit to WCC to view proprietary geophysical data & 841023-24 SRPD exhibit at open house of State of LA, Dept of Environ Quality.
TAYLOR, T. J. Energy, Dept. of. 722. 84/10/18. LINEHAN, J. NRC - No Detailed Affiliation Given. HINCHMAN, J., FRISHMAN, S. Energy, Dept. of. 1p. 27418:336.
- 8411090025 Forwards revised staff position on groundwater contamination at Vitro UMTRAP site, per request. Recommends that position be provided to DOE along w/comments re Salt Lake City remedial action plan.
KNAPP, M. R. Geotechnical Branch (Post 831001). 84/10/12. HIGGINBOTHAM, L. Low-Level Waste & Uranium Recovery Projects Branch. 28pp. 27418:307.
- 8411090036 Summary of 840530 meeting w/Engineers Intl in Silver Spring, MD re "Policy Questions re Role of Field Testing in Establishment of Radwaste Repository."
* Engineering Branch (Post 831001). FIN D-1004. 1238. 84/06/01. Engineering Branch (Post 831001). 8pp. 27489:084.
- 8411090045 "Geochemical Sensitivity Analysis," monthly rept for Sept 1984.
SIEGEL, M. D. Sandia Laboratories. FIN A-1756. 1568. 84/10/10. KELLY, W. NRC - No Detailed Affiliation Given. 21pp. 27423:277.
- 8411090048 "Technical Assistance for In Situ Testing," monthly progress rept for Apr 1984.
CUMMINGS, R. A. Engineers International, Inc. FIN D-1004. NRC-02-84-002. 84/03/30. BUCKLEY, J. Engineering Branch (Post 831001). 1p. 27489:077.
- 8411090057 Forwards rept of 840323 meeting in Silver Spring, MD re preenviro assessment document review.
BHATTACHARYA, S., SINGH, M. M. Engineers International, Inc. FIN D-1004. 1223. 84/03/31. BUCKLEY, J. High Level Waste Technical Development Branch. 4pp. 27489:073.
- 8411090077 Requests no-cost extension of Task Order 004 until 840731. Final rept delayed until NRC comments on draft rept.
"Disturbed Rock Zone Around Nuclear Waste Repositories - Rock Mechanics Considerations," received.
RAJARAM, V. Engineers International, Inc. FIN B-7328. 1336. 84/06/22. FLEENOR, C. M. Division of Contracts. 1p. 27489:072.
- 8411090085 Testimony of State of UT re DOE implementation of Nuclear Waste Policy Act of 1982.
MATHESON, S. Utah, State of. 724. 84/10/08. 180pp. 27418:124.

NONDOCKETED ITEMS

423

- 8411090091 Forwards photos re anomalous zones for info. Features may have hydrogeologic significance depending on location in salt stock & frequency of occurrence.
WINTER, G. Williams & Associates. FIN B-7389-3. NRC-02-83-033. 84/10/19. COOKE, B. Division of Waste Management. 3pp. 27424:257.
- 8411090100 "Hydrogeology of Nevada Test Site." Monthly Progress Rept 60 for Sept 1984.
BUSS, D.R. Geotrans, Inc. FIN B-7378. 1570. 84/10/15. POHLE, J.A. Division of Waste Management. 3pp. 27424:250.
- 8411090103 Forwards questions re upcoming meeting on Salt Sites in Columbus, OH. Questions express concerns of conceptual models & are subj to rev.
WINTER, G. Williams & Associates. FIN B-7389. 1162. 84/04/27. COOKE, B. Division of Waste Management. 3pp. 27487:294.
- 8411090108 "Reviewing Hydrogeologic Investigations of Bedded & Dome Salt Basins - Project A." 5th monthly progress rept for Apr 1984.
WINTER, G. Williams & Associates. FIN B-7389-3. 1164. 84/05/01. COOKE, B. Division of Waste Management. 9pp. 27487:297.
- 8411090114 Forwards draft site technical positions (STPs) for groundwater sys of Salt Dome Sites. Content of STPs consistent w/earlier submissions but reflects nature of Salt domes as opposed to bedded Salt.
WINTER, G. Williams & Associates. FIN B-7389-3. 1246. 84/05/23. COOKE, B. Division of Waste Management. 8pp. 27487:306.
- 8411090116 Forwards draft "Radiological & Engineering Assessment for Property GU-06077-CS." "Radiological & Engineering Assessment for Property GU-13841-MR" & "Radiological & Engineering Assessment for Property GU-00015-CS."
TUCKER, M.K. Energy, Dept. of. 84/10/15. HIGGINBOTHAM, L. Low-Level Waste & Uranium Recovery Projects Branch. 2pp. 27418:029.
- 8411090181 Draft "Radiological & Engineering Assessment for Property GU-06077-CS."
* Bendix Corp. 84/09/30. 28pp. 27418:030.
- 8411090188 Draft "Radiological & Engineering Assessment for Property GU-13841-MR."
* Bendix Corp. 84/09/30. 31pp. 27418:059.
- 8411090193 Draft "Radiological & Engineering Assessments for Property GU-00015-CS."
* Bendix Corp. 84/09/30. 34pp. 27418:090.
- 8411090126 "Reviewing Hydrologic Investigations of Bedded & Dome Salt Basins - Project A." 6th monthly progress rept for May 1984.
WINTER, G. Williams & Associates. FIN B-7389. 1233. 84/06/05. COOKE, B. Division of Waste Management. 10pp. 27487:314.
- 8411090127 Forwards two document lists essential for environ assessment review process, per 841001 telcon. Procurement assistance requested.
BHATTACHARYA, S. Engineers International, Inc. FIN D-1004. NRC-02-84-002. 84/10/02. GUPTA, D. NRC - No Detailed Affiliation Given. 6pp. 27487:081.
- 8411090135 Forwards review of SALT repository project performance assessment plan.
HUNTER, R. Sandia Laboratories. FIN A-1165. 1555. 84/10/01. PEETERS, L.A. Repository Projects Branch (Post 831001). 11pp. 27487:090.
- 8411090142 Submits trip rept of attendance at 840514-18 NRC/DOE meeting in Columbus, OH re Salt Site data review. Attendees list encl.
WINTER, G. Williams & Associates. FIN B-7389-3. 1244. 84/05/23. COOKE, B. Division of Waste Management. 15pp. 27487:324.
- 8411090149 Submits review of ONWI-491, "Results of Hydraulic Tests at Gibson Dome 1, Elkridge 1 & EJ Kubat Boreholes, Paradox Basin, UT."
WINTER, G. Williams & Associates. FIN B-7389-3. 1245. 84/05/11. COOKE, B. Division of Waste Management. 6pp. 27487:339.
- 8411090155 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Dec 1983.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 84/01/04. POHLE, J.A. Division of Waste Management. 3pp. 27487:345.
- 8411090158 Forwards trip rept of 840109-12 visit to Oracle, AZ for unsaturated zone workshop.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 84/01/18. POHLE, J.A. Division of Waste Management. 16pp. 27487:348.
- 8411090162 "Technical Assistance in Geochemistry," progress rept for Sept 1984.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 1565. 84/10/10. BROOKS, D.J. Geotechnical Branch (Post 831001). 3pp. 27487:101.
- 8411090165 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Jan 1984.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 84/02/02. POHLE, J.A. Division of Waste Management. 4pp. 27488:001.
- 8411090168 "Hydrogeology of Nevada Test Site Project D." monthly progress rept for Feb 1984.
ROSS, B. Geotrans, Inc. FIN B-7378-4. NRC-02-82-047. 84/03/02. POHLE, J.A. Division of Waste Management. 7pp. 27488:005.
- 8411090171 Forwards UMRAP monthly activities rept for Aug 1984.
MORLEY, J.A. Energy, Dept. of. 84/10/16. HIGGINBOTHAM, L. Low-Level Waste & Uranium Recovery Projects Branch. 5pp. 27424:178.
- 8411090173 "Technical Assistance in Geophysical Methods for Site Characterization." Monthly Progress Ltr Rept 2 for May 1984.
MURPHY, V.J. Weston Geophysical Corp. FIN D-1003. 1251. 84/06/13. RICE, B.J. Geotechnical Branch (Post 831001). 2pp. 27489:058.
- 8411090176 Responds to request for comments re util of hydrologic data repts. Repts lack detail in areas of test method procedure, test analysis assumptions, rationale or strategy for use of testing method & sampling technique.
BUSS, D.R. Geotrans, Inc. FIN B-7378. 84/03/29. POHLE, J.A. Division of Waste Management. 2pp. 27488:012.
- 8411090178 Agenda for 841019 meeting w/State of WA Nuclear Waste Board in Lacey, WA, to discuss C&C agreement, Environ Monitoring Committee & Defense Waste Group repts, technical program rept & repository siting schedule.
* Washington, State of. 1002. 84/10/19. Washington, State of. 23pp. 27424:155.
- 8411090180 Provides list of upcoming NRC/DOE high level waste precicensing meetings & data reviews. List will be updated & distributed weekly to reflect changes.
MILLER, H.J. Repository Projects Branch (Post 831001). 999. 84/10/11. BROWN, R.E. Division of Waste Management. 2pp. 27423:361.
- 8411090185 Forwards signed summary of 840710-12 geochemistry meetings in Los Alamos, NM. Suggestion that future technical meeting summaries should be finalized & signed at meeting conclusion supported.
VIETH, D.L. Energy, Dept. of. 391. 84/10/10. COPLAN, S.M. Repository Projects Branch (Post 831001). 335pp. 27419:001.
- 8411090191 Forwards first draft site technical position (STP) for Paradox Basin, STP based on comments & revised issues.
WINTER, G. Williams & Associates. FIN B-7389. 1163. 84/05/01. COOKE, B. Division of Waste Management. 8pp. 27488:017.
- 8411090192 Submits summary of 840419 "kickoff" meeting w/NRC in Silver Spring, MD for NRC-02-84-001. Agenda encl.
MURPHY, V.J. Weston Geophysical Corp. FIN D-1003. 1147. 84/05/04. RICE, B.J. Division of Waste Management. 3pp. 27489:055.
- 8411090196 Forwards first draft site technical position (STP) on Palo Duro Basin, STP based on comments & revised issues.
WINTER, G. Williams & Associates. FIN B-7389. 1181. 84/04/24. COOKE, B. Division of Waste Management. 8pp. 27488:025.
- 8411090202 "Reviewing Hydrogeologic Investigations of Bedded & Dome Salt Basins - Project A." 7th monthly progress rept for June 1984.
WINTER, G. Williams & Associates. FIN B-7389-3. 1305. 84/07/05. COOKE, B. Division of Waste Management. 9pp. 27488:033.
- 8411090227 "Lab Evaluation of DOE Radionuclides Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for June 1984.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 1303. 84/07/09. STARMER, R.J. Geotechnical Branch (Post 831001). 81pp. 27486:313.
- 8411090229 Forwards comments on Impell & Cygna topical repts re waste classification computer programs. Document contained insufficient info to support specific technical determinations.
COSTANZI, F.A. Division of Radiation Programs & Earth Sciences (post 840429). 84/10/12. HIGGINBOTHAM, L. Low-Level Waste & Uranium Recovery Projects Branch. 2pp. 27418:359.

NONDOCKETED ITEMS

- 8411090234 Comments on NUREG-1076 "Draft Technical Position on Repository Environ Parameters Relevant to Assessing Performance of High Level Waste Packages," per 840606 request. Rept adequately summarizes important parameters. CONTI, E.F. Waste Management Branch (Post 840429). FIN B-0288. 1247. 84/07/03. BARRETT, L.H. Engineering Branch (Post 831001). 3pp. 27487:032.
- 8411090244 Forwards comments on final draft rept for Task 5, "Performance of Engineered Barriers in Deep Geologic Repository for High Level Waste: Finding & Regulatory Guidance." Executive summary should be added. PITTI, L.D. Repository Projects Branch (Post 831001). FIN B-6986. NRC-02-81-027. 84/07/12. PENTZ, D. Golder Associates. 18pp. 27487:035.
- 8411090250 Requests extension to 840715 of NRC-02-81-027, to allow delivery of final review, revs & publications. PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 84/05/07. UMBEL, D. Technical Assistance Contracts Branch. 2pp. 27487:054.
- 8411090246 Submits first phase of two-phased review of geologic mapping of Hanford, WA BWIP. Rept on review & compiling of geologic mapping encl. Based on available data, field exam of five critical areas w/ Rockwell Hanford staff recommended. REA, P.W. Army, Dept. of, Corps of Engineers. FIN B-6933. NRC-02-81-036. 84/09/12. Division of Waste Management. 19pp. 27418:340.
- 8411090257 "Technical Assistance for Design Reviews," monthly progress rept for May 1984. * Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/06/21. NRC - No Detailed Affiliation Given. 2pp. 27487:078.
- 8411090264 "Benchmarking of Computer Codes & Licensing Assistance," monthly 1tr progress rept for Apr 1984. VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. 1287. 84/05/18. BROOKS, P. Division of Waste Management. 10pp. 27487:058.
- 8411090266 Submits SD-BWI-TI-176, "Effects on Drilling Fluid Invasion on Hydraulic Characterization of Low Permeability Basalt Horizons - Field Evaluation." WINTER, G.V., WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1285. 84/06/21. GORDON, M. Division of Waste Management. 8pp. 27487:068.
- 8411090272 Notes that Rockwell has not started RRL-2B pumping well for large-scale test at RRL-2 site. Test plans & workshop assume that well would be started in Nov 1983 & completed in FY85. WILLIAMS, R.E. Williams & Associates. FIN B-7372-3. 1177. 84/04/27. GORDON, M. Division of Waste Management. 3pp. 27489:092.
- 8411090290 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," 22nd monthly progress rept for Apr 1984. WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1158. 84/05/01. GORDON, M. Division of Waste Management. 12pp. 27489:042.
- 8411090298 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," 23rd monthly progress rept for May 1984. WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1234. 84/06/05. GORDON, M. Division of Waste Management. 13pp. 27490:334.
- 8411090301 Forwards Vols 1 & 2 to draft rept, "Benchmarking of Flow & Transport Codes for Licensing Assistance." Rept complete except for resolution of Problem 5.3, which will be finished & submitted to NRC within 2 wks. MILLS, M.T. CorSTAR Research, Inc. FIN B-6985. 1274. 84/05/17. BROOKS, P. Division of Waste Management. 1p. 27489:148.
- 8411090306 Vols 1 & 2 to "Benchmarking of Flow & Transport Codes for Licensing Assistance," draft rept. * CorSTAR Research, Inc. * Geotrans, Inc. FIN B-6985. NRC-02-81-026. 84/05/17. Division of Waste Management. 520pp. 27489:149.
- 8411090307 Submits Nevada Nuclear Waste Site Investigations weekly highlights for wk ending 840726. VIETH, D.L. Energy, Dept. of. 393. 84/07/27. BENNETT, J.W. Energy, Dept. of. 12pp. 27424:143.
- 8411090312 Discusses packer-sys compliance effects on vertical hydraulic conductivity testing. Woodward-Clyde tests provide best evidence that pressure changes within packed-off interval must be carefully monitored in compliance testing. WINTER, G. Williams & Associates. FIN B-7372. 1249. 84/06/07. GORDON, M. Division of Waste Management. 9pp. 27489:139.
- 8411090324 Forwards Mod MO01 to Interagency Agreement DE-A104-B4AL27241 among DOE & TVA for UMTRAP, Edgemont, SD. HILL, T.V. Energy, Dept. of. 84/10/23. DONOVAN, T.K. Tennessee Valley Authority. 3pp. 27422:361.
- 8411090327 Forwards comments on environ assessment of BWIP rept for Mod 2 to NRC-02-84-002, per 840927 1tr. Article on grouting 700 ft-deep mine also encl. RAJARAM, V. Engineers International, Inc. FIN D-1004. NRC-02-84-002. 84/10/19. BUCKLEY, J. Engineering Branch (Post 831001). 38pp. 27424:105.
- 8411090341 Comments on Aug 1984 monthly rept for FIN A-1166 "Maint of Computer Programs" & draft proposal for continued funding of contract. Full funding level for FY85 unlikely. CODELL, R. Geotechnical Branch (Post 831001). FIN A-1166. 1548. 84/09/27. CRANWELL, R.M. Sandia Laboratories. 1p. 27424:104.
- 8411090352 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," trip of 840611-14 BWIP Hydrology Workshop in Gaithersburg, MD. WINTER, G., WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1284. 84/06/21. GORDON, M. Division of Waste Management. 27pp. 27483:305.
- 8411090354 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," 24th monthly progress rept for June 1984. WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1306. 84/07/05. GORDON, M. Division of Waste Management. 6pp. 27483:332.
- 8411090356 Comments on draft quarterly progress rept for FIN B-0290. "Progress in Evaluation of Radionuclide Geochemical Info Developed by DOE High Level Nuclear Waste Repository Site Projects: Vol 3, Apr-June 1984." BRADBURY, J.W. Geotechnical Branch (Post 831001). FIN B-0290. 1571. 84/10/12. WHATLEY, S.K. Oak Ridge National Laboratory. 44pp. 27424:060.
- 8411090357 Comments on GeoTrans memo, "Correction of Measured Heads for Temp Effects." Mathematical work compatible w/ other published work. NRC should consider installing downhole pressure measuring devices in all boreholes. WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1302. 84/06/28. GORDON, M. Division of Waste Management. 8pp. 27483:338.
- 8411090362 Comments on outline for site technical position entitled, "Interpretation of Hydrogeologic Tests in Deep Boreholes Using Data Obtained by Uphole Techniques." New items re thermal/gas effects & viscosity variations should be added. WINTER, G., WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1316. 84/06/23. GORDON, M. Division of Waste Management. 2pp. 27483:346.
- 8411090391 Forwards completed well logs for seven addl test holes compiled for Nevada Nuclear Waste Site Investigations project & list of publications reviewed. BUSS, D.R. Geotrans, Inc. FIN B-7378-4. NRC-02-82-047. 84/07/18. POHLE, J.A. Division of Waste Management. 33pp. 27483:336.
- 8411090393 Forwards "Lab Evaluation of DOE Radionuclide Solubility Data..." monthly progress rept for May 1984. Mathematical description of column chromatography & computer-simulated elution profiles also encl. WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 1210. 84/06/11. STARMER, R.J. Geotechnical Branch (Post 831001). 2pp. 27484:027.
- 8411090403 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters: Experimental Strategies... Techniques & Procedures," monthly progress rept for May 1984. WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 84/06/08. STARMER, R.J. Geotechnical Branch (Post 831001). 138pp. 27484:029.
- 8411090395 Forwards "Lab Evaluation of DOE Radionuclide Solubility Data..." monthly progress rept for May 1984. Mathematical description of column chromatography & computer-simulated elution profiles also encl. WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 1210. 84/06/11. STARMER, R.J. Geotechnical Branch (Post 831001). 2pp. 27484:027.
- 8411090403 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters: Experimental Strategies... Techniques & Procedures," monthly progress rept for May 1984. WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 84/06/08. STARMER, R.J. Geotechnical Branch (Post 831001). 138pp. 27484:029.
- 8411090395 Forwards "Lab Evaluation of DOE Radionuclide Solubility Data..." monthly progress rept for May 1984. Mathematical description of column chromatography & computer-simulated elution profiles also encl. WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 1210. 84/06/11. STARMER, R.J. Geotechnical Branch (Post 831001). 2pp. 27484:027.

NONDOCKETED ITEMS

425

8411090403 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies... Techniques & Procedures," monthly progress rept for May 1984.
WHATLEY, S. K. Oak Ridge National Laboratory. FIN B-0290. 84/06/08.
STARMER, R. J. Geotechnical Branch (Post 831001). 138pp. 27484:029.

8411090401 Forwards draft "Radiological & Engineering Assessment for Property ED-00149-RS, Edgemont, SD." Review, comment, rev &/or concurrence requested.
ROBERTS, W. A. Energy, Dept. of. 84/10/15. HIGGINBOTHAM, L. Low-Level Waste & Uranium Recovery Projects Branch. 2pp. 27435:001.

--8411090412 Draft "Radiological & Engineering Assessment for Property ED-00149-RS, Edgemont, SD."
* Bendix Corp. 84/09/30. 22pp. 27435:003.

8411090410 "Technical Assistance for Design Reviews," monthly progress rept for Apr 1984.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/05/17. TIKTINSKY, D. Engineering Branch (Post 831001). 4pp. 27484:165.

8411090414 "Hydrogeology of NTS, Project D." Monthly Ltr 54 progress rept for June 1984.
BUSS, D. R. Geotrans, Inc. FIN B-7378-4. NRC-02-82-047. 84/07/12.
Engineering Branch (Post 831001). 15pp. 27484:169.

8411090416 "Document Accessions List, Oct 1984." W/841012 transmittal form.
* Rockwell International Corp. * BWIP Engineering Management Systems. 1003. 84/10/31. 277pp. 27422:029.

8411090425 Forwards "Request for Tuff & Groundwater Matls From Yucca Mountain," Ltr Rept L-290-6. Matl required prior to initiation of evaluation of radionuclide sorption & solubility info being developed by LASL.
WHATLEY, S. K. Oak Ridge National Laboratory. FIN B-0290. 1219. 84/05/22. STARMER, R. J. Geotechnical Branch (Post 831001). 1p. 27484:206.

--8411090431 "Request for Tuff & Groundwater Matls from Yucca Mountain," Ltr Rept L-290-6.
KELMERS, A. D. Oak Ridge National Laboratory. FIN B-0290. 84/05/22. NRC - No Detailed Affiliation Given. 2pp. 27484:207.

8411090439 Forwards review of DOE response to Geotechnical Engineering Branch comments on draft "Remedial Action Plan & Site Conceptual Design for Stabilization of Inactive U Mill Tailings Site at Salt Lake City, UT."
SMYKOWSKI, S. GILLEN, D. H. Engineering Branch (Post 831001). 84/10/05. PENNIFILL, R. Low-Level Waste & Uranium Recovery Projects Branch. 2pp. 27422:356.

8411090441 Summarizes 841012 Congressional hearing in Salt Lake City, UT re DOE investigation of two possible sites for first US geologic repository for high level waste. Witness list encl.
SANBORN, G. Region 4, Office of Director. 84/10/18. MARTIN, R. D. Region 4, Office of Director. 5pp. 27422:351.

8411090443 Forwards recommendations for dealing w/unavailability of SPECTROM 11 & 41 computer codes; per DW Lamb 841012 & AL Scott 840924 ltrs
VOGT, D. K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/10/13. BROOKS, P. Division of Waste Management. 5pp. 27422:346.

8411090447 Discusses review of ORNL data on leaching of Pb-Fe phosphate glass reported in "Science." Phosphate glass superior to German glass in terms of resistance to devitrification.
SOD, P. Brookhaven National Laboratory. FIN A-3167. 1582. 84/10/22. WICK, E. A. High Level Waste Licensing Management Branch. 2pp. 27422:344.

8411090451 Provides summary of work being performed on development of data base sys for nuclear waste repositories & comments on value of developing computerized data base.
SULLIVAN, T. Brookhaven National Laboratory. FIN A-3164. 1584. 84/10/19. WICK, E. A. High Level Waste Licensing Management Branch. 3pp. 27422:341.

8411090454 "BWIP Hydrogeology," monthly progress rept for Sept 1984.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/10/17. 90RDON, M. Division of Waste Management. 2pp. 27422:339.

8411090462 Comments on monthly progress rept for Aug 1984. Progress to date satisfactory.
POHLE, J. A. Geotechnical Branch (Post 831001). FIN B-7378. NRC-02-82-047. 84/09/20. BUSS, D. R. Geotrans, Inc. 2pp. 27422:328.

8411090464 Submits site repository program site rept for wk of 840924.
VERMA, T. R. NRC - No Detailed Affiliation Given. 689. 84/10/01.
BROWNING, R. E. Division of Waste Management. 16pp. 27422:308.

8411090467 Forwards GENES Consultants, Ltd rept "Assessment of Risk from U Mining in Virginia," prepared for Commonwealth of Virginia Coal & Energy Commission. Comments re risks to maximally exposed individuals requested.
COLLINS, R. Virginia, Univ. of Charlottesville, VA. 84/10/03. HIGGINBOTHAM, L. Low-Level Waste & Uranium Recovery Projects Branch. 2pp. 27435:235.

--8411090469 "Assessment of Risk from U Mining in Virginia."
* GENES Consultants, Ltd. 84/09/30. 71pp. 27435:237.

8411090477 Forwards draft "Annual Status Rept on UMTRAP," for review & comment. Comments should be submitted by 841029.
BAUBLITZ, J. E. Energy, Dept. of. 84/10/12. HIGGINBOTHAM, L. Low Level Waste Licensing Branch. 1p. 27424:307.

--8411090482 DOE/NE-0025/2 DRFT
Draft "Annual Status Rept on UMTRAP."
* Energy, Dept. of. 84/09/28. 25pp. 27424:308.

8411090505 Forwards responses to comments on Salt Lake City UMTRAP provided in 841018 ltr. Signature page should be returned provided responses are sufficient.
THEMELIS, J. G. Energy, Dept. of. 84/10/29. HIGGINBOTHAM, L. Low-Level Waste & Uranium Recovery Projects Branch. 53pp. 27435:180.

8411090508 "Geochemistry of Environ Near High Level Nuclear Waste Repository," conference trip rept on 840909-14.
WHATLEY, S. K. Oak Ridge National Laboratory. FIN B-0287. 1556. 84/09/25. BROOKS, D. J. Geotechnical Branch (Post 831001). 19pp. 27424:284.

841120004 Forwards Yakima Indian Nation comments on NRC Site Technical Position 1.1 re hydrologic testing strategy for BWIP site.
TOUSLEY, D. R. Harmon, Weiss & Jordan. 1001. 84/10/17. BROWNING, R. E. Division of Waste Management. 3pp. 27440:339.

841120080 Forwards calculations for wedge analysis & end of const analysis of critical slope stability for Shiprock. Slope safe under all conditions & stability not sensitive to changes in slime strength. Informal review requested.
* Affiliation Not Assigned. 84/10/10. JAGANAUGH, B. NRC - No Detailed Affiliation Given. 10pp. 27457:201.

841120199 Submits Nevada Nuclear Waste Storage Investigations weekly highlights for 840913.
VIETH, D. L. Energy, Dept. of. 413. 84/09/18. PRESTHOLT, P. T. NRC - No Detailed Affiliation Given. BENNETT, J. W. Energy, Dept. of. 3pp. 27440:143.

--841120206 Forwards "Nevada Nuclear Waste Storage Investigations Project, Monthly Rept, June 1984."
VIETH, D. L. Energy, Dept. of. 84/09/21. PRESTHOLT, P. T. NRC - No Detailed Affiliation Given. BENNETT, J. W. Energy, Dept. of. 3pp. 27440:146.

--841120208 "Nevada Nuclear Waste Storage Investigations Project, Monthly Rept, June 1984."
* Energy, Dept. of. 84/06/30. 64pp. 27440:149.

--841120214 Submits Nevada Nuclear Waste Storage Investigations weekly highlights for 840924. W/ Dudley 840928 ltr to DL Vieth re time frames & topics for NRC workshops encl.
VIETH, D. L. Energy, Dept. of. 84/09/24. PRESTHOLT, P. J. NRC - No Detailed Affiliation Given. BENNETT, J. W. Energy, Dept. of. 7pp. 27440:213.

--841120220 Submits Nevada Nuclear Waste Storage Investigations weekly highlights for 841003.
VIETH, D. L. Energy, Dept. of. 84/10/09. PRESTHOLT, P. T. NRC - No Detailed Affiliation Given. BENNETT, J. W. Energy, Dept. of. 4pp. 27440:220.

--841120225 Submits Nevada Nuclear Waste Storage Investigations weekly highlights for 841011.
VIETH, D. L. Energy, Dept. of. 84/10/15. PRESTHOLT, P. T. NRC - No Detailed Affiliation Given. BENNETT, J. W. Energy, Dept. of. 4pp. 27440:224.

--841120228 Forwards "Nevada Nuclear Waste Storage Investigations Project, Monthly Rept, Jul 1984."
VIETH, D. L. Energy, Dept. of. 84/10/17. PRESTHOLT, P. T. NRC - No Detailed Affiliation Given. BENNETT, J. W. Energy, Dept. of. 2pp. 27440:228.

NONDOCKETED ITEMS

- 8411120233 "Nevada Nuclear Waste Storage Investigations Project, Monthly Rept. Jul 1984."
* Energy, Dept. of. 84/07/31. 68pp. 27440:230.
- 8411120231 Forwards data obtained from DOE during 840124-26 data review visit for hydrofracturing test review.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/01/31. SEAMANS, T. Engineering Branch (Post 831001). 49pp. 27457:105.
- 8411120282 "Benchmarking of Computer Codes & Licensing Assistance," monthly ltr progress rept for Feb 1984.
VODT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/03/15. FEHRINGER, D. Division of Waste Management. 6pp. 27452:324.
- 8411150195 Forwards draft generic technical position on waste package reliability. Wording changes suggested by FX Cameron of OELD approved by author, EA Wick. Encl final version to be distributed for comment under FR notice of availability.
LINEHAN, J. Repository Projects Branch (Post 831001). 84/10/31. BARRETT, L. Engineering Branch (Post 831001). 1p. 27530:317.
- 8411150199 Draft generic technical position, "Waste Package Reliability."
* Engineering Branch (Post 831001). 84/10/31. 31pp. 27530:318.
- 8411270315 "Determination of Radionuclide Solubility in Groundwater for Assessment of High Level Waste Isolation," technical position.
* Geotechnical Branch (Post 831001). 84/11/30. 18pp. 27673:329.
- 8411270429 Forwards draft issue-oriented site technical positions for BWIP, Nevada Nuclear Waste Storage Investigations & Salt Repository Project for Permian Basin, Paradox Basin & Gulf Coast dome sites.
MILLER, H.J. Repository Projects Branch (Post 831001). 1039. 84/11/02. PURCELL, W.J. Energy, Dept. of. 2pp. 27671:251.
- 8411270431 Draft "Issue-Oriented Site Technical Position for BWIP."
* Division of Waste Management. 1039. 84/09/30. 128pp. 27671:253.
- 8411270433 Draft "Issue-Oriented Site Technical Position for Nevada Nuclear Waste Storage Investigations."
* Division of Waste Management. 422. 84/09/30. 134pp. 27672:019.
- 8411270434 Draft "Issue-Oriented Site Technical Position for Salt Repository Project, Gulf Coast Salt Dome Sites."
* Division of Waste Management. 747. 84/09/30. 125pp. 27672:153.
- 8411270435 Draft "Issue-Oriented Site Technical Position for Salt Repository Project, Permian Basin Sites."
* Division of Waste Management. 747. 84/09/30. 121pp. 27672:278.
- 8411270436 Draft "Issue-Oriented Site Technical Position for Salt Repository Project, Paradox Basin Sites."
* Division of Waste Management. 747. 84/09/30. 131pp. 27673:036.
- 8411290527 Forwards trip rept re attendance at NRC geology data reviews in Menlo Park, CA & Denver, CO & 840910-19 NRC review of environ assessment drafts in Washington, DC.
CHUNG, D.H. Lawrence Livermore National Laboratory. FIN A-0294. 1599. 84/10/23. BLACKFORD, M.E. Division of Waste Management. 6pp. 27699:337.
- 8411290611 Confirms 841114 meeting re disposition of defense high level waste at Hanford Site & changes to definition of high level radwaste. Attendees listed.
TOUSLEY, D.R. Harmon, Weiss & Jordan. TOUSLEY, D.R. Yakima Indian Nation. 1047. 84/11/09. BROWNING, R. Division of Waste Management. 1p. 27699:360.
- 8411290637 Forwards info on upcoming NRC/DOE meetings on high level waste program in response to 841026 ltr. State representatives & other interested parties invited to attend.
BROWNING, R.E. Division of Waste Management. 418. 84/11/01. LOUX, R.R. Nevada, State of. 2pp. 27699:358.
- 8411290639 Forwards info on upcoming NRC/DOE meeting on high level waste licensing process, per 841029 request. State representatives & interested parties invited to attend. Briefing packages will be distributed at meeting.
BROWNING, R.E. Division of Waste Management. 1033. 84/11/01. STEVENS, D.W. Washington, State of. 2pp. 27699:356.
- 8411290645 Advises that 840713 request for source of & refs for certain data presented at 840109-12 geochemistry workshop not received. Requests response in order to complete review of geochemical data.
WRIGHT, R.J. Repository Projects Branch (Post 831001). 1032. 84/10/17. OLSON, D.L. Energy, Dept. of. 1p. 27699:355.
- 8411290656 Forwards State of SC comments on several topical repts re high integrity containers.
NUSSBAUMER, D.A. Assistant Director for State Agreements Programs. 84/10/24. HIGGINBOTHAM, L. Low Level Waste Licensing Branch. BARRETT, L. Engineering Branch (Post 831001). 1p. 27699:345.
- 8411290660 Discusses outstanding items concerning high integrity containers (HIC) & NRC topical rept reviews. Ltr dtd 840927 sent to HIC vendors re installation of vents in containers due to gas generation of unknown origin encl.
SHEALY, H.O. South Carolina, State of. 84/09/28. NUSSBAUMER, D.A. Assistant Director for State Agreements Programs. 4pp. 27699:346.
- 8411290662 Submits comments in response to NRC 840815 ltr re Nuclear Packaging, Inc. FL 50 Ferralium 225 high integrity container.
AUTRY, V.R. South Carolina, State of. 84/09/17. NUSSBAUMER, D.A. Assistant Director for State Agreements Programs. 2pp. 27699:350.
- 8411290661 Lists technical position documents generated by high level waste program, per R Stein request.
MILLER, H.J. Repository Projects Branch (Post 831001). 84/10/23. BENNETT, J.W. Energy, Dept. of. 2pp. 27699:343.
- 8411290664 Forwards followup comments on 840612-13 hydrogeology workshop. Modified testing & monitoring program does not meet intent of Site Technical Position 1.1 because sufficient & accurate measurements may not be obtained.
WRIGHT, R.J. Repository Projects Branch (Post 831001). 1030. 84/10/29. OLSON, D.L. Energy, Dept. of. 25pp. 27700:202.
- 8411290665 Trip rept of 841016-18 visit to San Francisco, CA re review of data utilized in preparation of draft rept "Seismic Reflection, Gravity & Aeromagnetic Studies of Geologic Structures in Gibson Dome Area, Southwestern Paradox Basin."
TRAPP, J.S. Geotechnical Branch (Post 831001). 739. 84/10/29. KNAPP, M.R. Geotechnical Branch (Post 831001). 24pp. 27700:227.
- 8411290672 Forwards notice of upcoming meetings re NRC high level waste mgt program, per 840827 FR notice. Notice discusses definite & tentative meetings between NRC, DOE &/or other parties. Notice updated weekly & sent for info.
BUNTING, J.D. Policy & Program Control Branch (Post 831001). 84/10/29. Affiliation Not Assigned. 8pp. 27700:257.

WASTE RES WASTE MANAGEMENT RESEARCH REPORTS

- 8311290006 Discusses 820516-19 site visit to Nevada Test Site & DOE offc in Las Vegas, NV for meetings re review of DOE site characteristics rept for Nevada nuclear waste storage investigation.
SOKOL, D. International Engineering Co. FIN B-7367. 3022-210. 82/06/11. COPLAN, S.N. Division of Waste Management. 12pp. 21308:221.
- 8411030666 Sixteenth monthly progress rept for Oct 1984.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/10/31. LOGSDON, M. Division of Waste Management. 5pp. 27442:126.
- 8411030670 Provides comments on monthly progress rept for Sept 1983. Final rept on statistical evaluation of hydrochemical data satisfactory. Contractual requirements of Task 2 completed.
LOGSDON, M.J. Repository Projects Branch (Post 831001). FIN B-7372. NRC-02-82-044. 83/10/20. WILLIAMS, R. Williams & Associates. 1p. 27442:131.
- 8411030676 Forwards final draft review of "Borehole Assessment Needs Plan."
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/10/05. LOGSDON, M. Division of Waste Management. 30pp. 27442:132.
- 8411030680 Forwards review comments of draft technical position on "Borehole & Shaft Sealing of High Level Nuclear Waste Repositories."
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/09/16. LOGSDON, M. Division of Waste Management. 6pp. 27442:162.
- 8411030684 Fourteenth monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/09/01. LOGSDON, M. Division of Waste Management. 3pp. 27442:168.

NONDOCKETED ITEMS

427

- 8411030690 Forwards final draft "Statistical Evaluation of Hydrochemical Data From saddle Mountains, Wanapum & Grande Ronde Basalts BWIP Hanford Site." WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/08/19. LOGSDON, M. Division of Waste Management. 3pp. 27442:171.
- 8411030695 Final draft "Statistical Evaluation of Hydrochemical Data From Saddle Mountains, Wanapum & Grande Ronde Basalts BWIP Hanford Site." * Williams & Associates. FIN B-7372. NRC-02-82-044. 83/08/19. Division of Waste Management. 8pp. 27442:174.
- 8411030702 Forwards review of hydrologic testing specs for DC-16 borehole cluster. Revs to hydrochemistry rept underway. Addl statistics & text changes should be finished in near future. WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/08/15. LOGSDON, M. Division of Waste Management. 7pp. 27442:260.
- 8411030708 Provides comments on monthly progress rept for Jul 1983. Minor typo on Table 2. Changes for current month should be listed under Task 3 not Task 2. Requests revised version of Table 2 for Jul 1983. LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/08/15. WILLIAMS, R. Williams & Associates. 2pp. 27442:267.
- 8411030711 Draft thirteenth monthly progress rept. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/08/03. LOGSDON, M. Division of Waste Management. 5pp. 27442:269.
- 8411030715 Forwards draft review of ltr rept entitled, "Preliminary Scenarios of Release of Radwaste from Hypothetical Repository in Basalt of Columbia River Plateau." WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/07/26. VERMA, T. Division of Waste Management. 8pp. 27442:274.
- 8411030719 Forwards revised draft review of TASC rept, "Borehole Assessment Needs Plan." WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/07/22. LOGSDON, M. Division of Waste Management. 30pp. 27442:282.
- 8411030723 Forwards draft logs made while reviewing RRL-6 & RRL-14 during last site visit. Logs derived from interval repts not by Rockwell. WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/07/21. LOGSDON, M. Division of Waste Management. 8pp. 27442:312.
- 8411030725 Forwards draft review of "Borehole Assessment Needs Plan." dtd 820305 & Rockwell data needs assessment & test plan. Documents reviewed w/respect to hydrogeologic parameters. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/03/29. VERMA, T. Division of Waste Management. 24pp. 27441:299.
- 8411030726 Forwards draft notes on BWIP hydrology workshop held in Richland, WA on 830711-15. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/07/19. LOGSDON, M. Division of Waste Management. 26pp. 27442:320.
- 8411030729 Twelfth monthly progress rept. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/06/30. LOGSDON, M. Division of Waste Management. 6pp. 27442:346.
- 8411030730 Provides comments on monthly progress rept for Feb 1983. Progress to date satisfactory. LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/03/17. WILLIAMS, R. Williams & Associates. 2pp. 27441:323.
- 8411030734 Eighth monthly progress rept for Feb 1983. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/03/03. VERMA, T. Division of Waste Management. 3pp. 27441:325.
- 8411030735 Forwards draft "Hydrogeologic Boundary Detection by Large-Scale Pump Testing: Case History Lewiston, ID." WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/07/01. LOGSDON, M. Division of Waste Management. 1p. 27442:352.
- 8411080076 Draft "Hydrogeologic Boundary Detection by Large-Scale Pump Testing: Case History Lewiston, ID." * Williams & Associates. FIN B-7372. NRC-02-82-044. 84/06/30. Division of Waste Management. 13pp. 27442:353.
- 8411030741 Trip rept of 830606 visit to Bellevue, WA & Richland, WA re BWIP drill & test plan. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/07/27. VERMA, T. Division of Waste Management. 15pp. 27443:003.
- 8411030742 Requests attendance at 830307-08 meetings in Silver Spring, MD to discuss status of hydrogeology team modeling projects for Hanford site & to plan ongoing NRC modeling for BWIP licensing assessments. Agenda encl. LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/03/02. WILLIAMS, R. Williams & Associates. 3pp. 27441:328.
- 8411030746 Comments on monthly progress rept for Jan 1983. Progress to date satisfactory. LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/02/17. WILLIAMS, R. Williams & Associates. 2pp. 27441:331.
- 8411030747 Forwards ACRS comments on DOE site characterization rept & NRC draft site characterization analysis, final IOCR60, Nuclear Waste Policy Act of 1982 & final "Analysis of BWIP Site Modeling." for background info. W/o encl. LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/06/11. WILLIAMS, R. E. Williams & Associates. 2pp. 27443:018.
- 8411030749 Trip rept of 830214-18 visit to NRC in Silver Spring, MD to discuss review & analysis of site characterization rept. WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/02/22. VERMA, T. Division of Waste Management. 2pp. 27441:333.
- 8411030751 Provides comments on monthly progress rept for May 1983. Progress to date satisfactory. LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/06/20. WILLIAMS, R. Williams & Associates. 2pp. 27443:020.
- 8411030754 Forwards draft background section re testing of hydrology at BWIP site. WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/06/28. LOGSDON, M. Division of Waste Management. 5pp. 27443:022.
- 8411030758 Provides list of items needing urgent action by NRC BWIP groundwater team. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/07/27. VERMA, T. Division of Waste Management. 1p. 27441:335.
- 8411030763 Comments on monthly progress rept for Dec 1982. Progress to date satisfactory. VERMA, T. R. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/01/26. WILLIAMS, R. Williams & Associates. 2pp. 27441:335.
- 8411030767 Seventh monthly progress rept. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/10/28. VERMA, T. Division of Waste Management. 3pp. 27441:338.
- 8411030771 Forwards recommended issue rating summary & proposed cumulative & current contract costs table for Dec 1982 monthly rept. W/o costs table. WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/01/14. LOGSDON, M. Division of Waste Management. 2pp. 27441:341.
- 8411030775 Fifth monthly progress rept. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 82/12/15. VERMA, T. R. Division of Waste Management. 4pp. 27441:343.
- 8411030780 Trip rept of 821119-1206 visit to NRC in Silver Spring, MD to discuss review comments on app. site issue analyses & preparation of new site characterization analysis re Chapter 4 for hydrogeology. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 82/12/15. VERMA, T. R. Division of Waste Management. 4pp. 27441:347.
- 8411030786 Submits comments on Golden Assoc rept, "Technical Ltr Rept. Hydrogeologic Data Integration for Conceptual Ground Water Flow Models." Comments concern typo, error, questions re source of data & clarification of procedures. WILLIAMS, R. Williams & Associates. FIN B-7372. 82/11/18. ROWE, J. Golder Associates. 3pp. 27441:351.
- 8411030789 Discusses 821101 meeting w/NRC in Silver Spring, MD re site hydrogeology. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 82/11/11. VERMA, T. R. Division of Waste Management. 5pp. 27441:356.

NONDOCKETED ITEMS

- 8411030793 Fourth monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
82/11/11. VERMA, T.R. Division of Waste Management. 3pp.
27441:361.
- 8411030797 Forwards marked-up draft "Technical Ltr Rept: Hydrochemistry for Flow Sys Characterization." Reconsideration of comments re transition of Hanford waters from sodium biocarbonate chloride waters to sodium chloride suggested.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
82/11/05. ROWE, J. Golder Associates. 3pp. 27442:001.
- 8411030800 Draft "Technical Ltr Rept: Hydrochemistry for Flow Sys Characterization."
CHERRY, J., FEENSTRA, S. Golder Associates. FIN B-7372.
NRC-02-82-044. 82/10/31. NRC - No Detailed Affiliation Given.
29pp. 27442:004.
- 8411030803 Trip rept of 820921-22 visit to NRC in Silver Spring, MD to discuss preparation of draft site characterization analysis.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
82/10/13. VERMA, T. Division of Waste Management. 4pp. 27442:033.
- 8411030808 Forwards analysis of groundwater issues dtd 821004.
RALSTON, D.R., WILLIAMS, R.E. Williams & Associates. FIN B-7372.
NRC-02-82-044. 82/10/15. VERMA, T.R. Division of Waste Management.
1p. 27442:037.
- 8411030810 "Groundwater Issues."
* Williams & Associates. FIN B-7372. NRC-02-82-044. 82/10/04.
53pp. 27442:038.
- 8411030814 Sixth monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/01/06. VERMA, T. Division of Waste Management. 4pp. 27442:091.
- 8411030817 Eleventh monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/06/07. LOGSDON, M. Division of Waste Management. 4pp.
27442:095.
- 8411030822 Trip rept of 830523-25 visit to NRC in Silver Spring, MD to discuss USGS comments on BWIP site characterization rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/05/27. LOGSDON, M. Division of Waste Management. 2pp.
27442:099.
- 8411030825 Trip rept of 830605-06 visit to NRC in Silver Spring, MD to discuss hydrogeologic testing strategy for BWIP.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/06/07. LOGSDON, M. Division of Waste Management. 1p. 27442:101.
- 8411030829 Notification of 830524-25 meeting w/contractors in Silver Spring, MD to prepare for hydrogeology workshop w/DOE/RHO.
LOGSDON, M. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/05/18. WILLIAMS, R.E. Williams & Associates. 4pp. 27442:102.
- 8411030833 Trip rept of 840420-23 visit to NRC in Silver Spring, MD to participate in presentation of site characterization assessment to ACRS. Rept covered essence of hydrology issues & uncertainties.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/05/09. VERMA, T. Division of Waste Management. 1p. 27442:106.
- 8411030836 Provides comments based on NRC review of monthly progress rept for Apr 1983 dtd 830502. Progress to date satisfactory.
LOGSDON, M. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/05/13. WILLIAMS, R.E. Williams & Associates. 1p. 27442:107.
- 8411030838 Provides comments based on NRC review of monthly progress rept for Mar 1983 dtd 830405. Progress to date satisfactory.
LOGSDON, M. High Level Waste Technical Development Branch. FIN B-7372. NRC-02-82-044. 83/04/26. WILLIAMS, R.E. Williams & Associates. 2pp. 27442:108.
- 8411030840 Tenth monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/05/02. VERMA, T. Division of Waste Management. 3pp. 27442:110.
- 8411030843 Ninth monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/04/05. VERMA, T. Division of Waste Management. 3pp. 27442:113.
- 8411030845 Provides comments on document entitled "BWIP Process & Response to NRC Issue Resolution & Plan for SCP Preparation," dtd 830525.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
83/06/09. VERMA, T. Division of Waste Management. 9pp. 27442:116.
- 8411030849 Provides comments on monthly progress rept for Oct 1983. Review of BWIP document re slug test analysis satisfactory.
LOGSDON, M. J. Repository Projects Branch (Post 831001). FIN B-7372. NRC-02-82-044. 83/11/10. WILLIAMS, R. Williams & Associates. 1p. 27442:125.
- 8411050014 "BWIP Hydrogeology," progress rept for Oct 1983.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/11/15.
LOGSDON, M. Division of Waste Management. 4pp. 27441:001.
- 8411050018 Advises that SANL will present workshop on 831121-23 in Silver Spring, MD to discuss hydrologic flow & transport codes SWIFT & SWIFT II.
LOGSDON, M. J. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/11/05. ROWE, J. Golder Associates. 2pp. 27441:005.
- 8411050019 "BWIP Hydrogeology: NRC Questions on Hydrogeologic Testing Strategies," Ltr 58.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/10/28.
LOGSDON, M. NRC - No Detailed Affiliation Given. 13pp. 27441:007.
- 8411050021 Submits scenarios for preplacement travel times.
BROWN, A. Affiliation Not Assigned. FIN B-7373. 84/10/13.
LOGSDON, M. NRC - No Detailed Affiliation Given. ROWE, J. Golder Associates. 1p. 27441:020.
- 8411050025 Advises that Ltr 48, proposing set of topics for consideration by BWIP groundwater assessment group, appropriate for group discussion.
LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7373. 83/09/08. ROWE, J. Golder Associates. 1p. 27441:021.
- 8411050028 "BWIP Hydrogeology-Piezometric Effects of Exploratory Shaft," Ltr 60.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/10/27.
LOGSDON, M. NRC - No Detailed Affiliation Given. 29pp. 27441:022.
- 8411050029 Comments on monthly progress rept for Jul 1983 describing status of technical assistance in hydrogeology.
LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7373. NRC-02-82-045. 83/09/01. ROWE, J. Golder Associates. 2pp. 27441:052.
- 8411050034 "BWIP Hydrogeology," progress rept for Jul 1983.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/08/16.
LOGSDON, M. Division of Waste Management. 27pp. 27441:054.
- 8411050036 Submits list of topics that should be considered by NRC BWIP groundwater team during next yr.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/08/11.
LOGSDON, M. NRC - No Detailed Affiliation Given. 3pp. 27441:081.
- 8411050040 Submits justification to support request to eliminate ceiling on labor overhead & GSA costs, retroactive to 830528.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/08/10.
FLEENOR, C. Division of Contracts. 2pp. 27441:084.
- 8411050046 Forwards S Feenstra & JA Cherry 830708 ltr presenting results of exam of hydrochemistry from Pages 20-49 of USGS review of BWIP site characterization rept.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/08/04.
LOGSDON, M. Division of Waste Management. 3pp. 27441:086.
- 8411050049 Comments on monthly progress rept for June 1983, describing status of technical assistance to NRC.
LOGSDON, M. J. High Level Waste Technical Development Branch. FIN B-7373. 83/08/02. ROWE, J. Golder Associates. 2pp. 27441:089.
- 8411050053 Forwards draft trip rept of BWIP 830711-15 site visit.
BROWN, A. Affiliation Not Assigned. FIN B-7373. 83/08/02.
LOGSDON, M. NRC - No Detailed Affiliation Given. 25pp. 27441:091.
- 8411050055 "BWIP Hydrogeology-Meeting Rept on 830711-15 Workshop," Ltr 44.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/07/22.
LOGSDON, M. Division of Waste Management. 7pp. 27441:116.
- 8411050056 Comments on "Performance of Engineered Barriers in Geologic Repository," monthly progress rept for Sept 1983.
PITTILO, C. L. Repository Projects Branch (Post 831001). FIN B-4984. NRC-02-81-027. 83/11/17. PENTZ, D. Golder Associates. 2pp. 27443:027.

NONDOCKETED ITEMS

429

- 8411050058 "BWIP Hydrogeology Meeting Rept." Ltr 38.
 ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/07/12.
 LOGSDON, M. Division of Waste Management. 2pp. 27441:123.
- 8411050062 "Performance of Engineered Barriers in Geologic Repository,"
 progress rept for Sept 1983.
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-20-81-027.
 83/10/28. PITTIGLIO, C.L. High Level Waste Technical Development
 Branch. 10pp. 27443:029.
- 8411050064 Draft "Technical Position on Possible Hydrologic Testing
 Strategy for BWIP Site."
 ROWE, J. Golder Associates. FIN B-7373. 83/06/30. LOGSDON, M.
 Division of Waste Management. 23pp. 27441:125.
- 8411050065 "Benchmarking of Computer Codes & Licensing Assistance,"
 monthly ltr progress rept for Oct 1983.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/11/15.
 FEHRINGER, D. Division of Waste Management. 15pp. 27443:225.
- 8411050068 Forwards scenarios for groundwater flow modeling at BWIP.
 w/o encl.
 BROWN, A. Golder Associates. FIN B-7373. 82/12/17. VERMA, T.
 Division of Waste Management. 3pp. 27441:148.
- 8411050070 "Benchmarking of Computer Codes & Licensing Assistance,"
 monthly progress rept for Mar 1983.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/04/15.
 FEHRINGER, D. Division of Waste Management. 17pp. 27444:077.
- 8411050071 Comments on "Performance of Engineered Barriers in Geologic
 Repository," monthly progress rept for Aug 1983.
 PITTIGLIO, C.L. Repository Projects Branch (Post 831001). FIN
 B-6986. NRC-02-81-027. 83/10/14. PENTZ, D. Golder Associates.
 2pp. 27443:039.
- 8411050075 Provides outline of findings & observations re possible
 causes of discrepancies between predicted & observed
 effects of repository designs on field measurements.
 measurements based on 831005 discussions re computer codes.
 LAMB, D.W. Acres American, Inc. FIN B-6985. 83/11/03. GREEVES, J.
 Division of Waste Management. 6pp. 27443:240.
- 8411050076 Forwards, for review, draft rept "Benchmark Problems for
 Radiological Assessment Codes." w/o encl.
 HILLS, M.T. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/04/11.
 FEHRINGER, D. Division of Waste Management. 11pp. 27444:094.
- 8411050079 "Performance of Engineered Barriers in Geologic
 Repository," progress rept for Aug 1983.
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 83/09/30. PITTIGLIO, C.L. High Level Waste Technical Development
 Branch. 10pp. 27443:041.
- 8411050080 Forwards draft "Travel Times from Repository in Hanford
 Basalt."
 ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/02/28.
 VERMA, T. Division of Waste Management. 1p. 27441:151.
- 8411050085 Draft "Travel Times from Repository in Hanford Basalt."
 * Golder Associates. FIN B-7373. NRC-02-82-045. 83/02/28.
 NRC - No Detailed Affiliation Given. 71pp. 27441:152.
- 8411050081 Provides comments on how to improve & extend use of
 draft rept, "Summary of Computer Codes for Waste Package
 Performance Assessment," for other contractors.
 FEHRINGER, D.J. Repository Projects Branch (Post 831001). FIN
 B-6985. NRC-02-81-026. 83/10/28. VOGT, D.K. Teknekron, Inc. 2pp.
 27443:246.
- 8411050082 "Benchmarking of Computer Codes & Licensing Assistance,"
 monthly progress rept for Feb 1983.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/03/15.
 FEHRINGER, D. Division of Waste Management. 2pp. 27444:105.
- 8411050086 Forwards "Analysis of BWIP Site Modeling," final rept.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/03/10.
 FEHRINGER, D. Division of Waste Management. 1p. 27444:127.
- 8411050093 "Analysis of BWIP Site Modeling," final rept.
 LESTER, B., THOMAS, S.D. Geotrans, Inc. FIN B-6985. NRC-02-81-026.
 83/03/09. 87pp. 27444:128.
- 8411050088 Comments on Teknekron draft rept, "Summary of Computer
 Codes for Waste Package Performance Assessment."
 CHANG, K.C. Engineering Branch (Post 831001). FIN B-6985. 83/10/26.
 FEHRINGER, D.J. Repository Projects Branch (Post 831001). 2pp.
 27443:248.
- 8411050089 Responds to 830909 telefax re Sandia error diagnosis for
 Golder SWIFT simulation of 3D shaft problem. No need exists
 to rerun problems if Sandia assumes description of events
 accurate.
 POETER, E. Golder Associates. FIN B-6986. NRC-02-81-027. 83/09/20.
 LOGSDON, M. Division of Waste Management. 2pp. 27443:051.
- 8411050091 Comments on DOE 830421-22 presentation in Washington, DC to
 ACRS re BWIP hydrogeology. Concerns listed.
 ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/04/29.
 LOGSDON, M. Division of Waste Management. 2pp. 27441:223.
- 8411050096 Comments on potential mud loss from exploratory shaft &
 effects such loss might have on measurement of hydrogeologic
 properties.
 ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/04/29.
 LOGSDON, M. NRC - No Detailed Affiliation Given. 5pp. 27441:225.
- 8411050098 "Benchmarking of Computer Codes & Licensing Assistance,"
 monthly progress rept for Sept 1983.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/10/20.
 FEHRINGER, D. Division of Waste Management. 14pp. 27443:252.
- 8411050099 Comments on "Performance of Engineered Barriers in Geologic
 Repository," monthly progress rept for June/Jul 1983.
 PITTIGLIO, C.L. High Level Waste Technical Development Branch. FIN
 B-6986. NRC-02-81-027. 83/08/30. PENTZ, D. Golder Associates.
 2pp. 27443:053.
- 8411050101 Exercises option to implement Tasks 4 & 5 of contract for
 "Benchmarking of Computer Codes & Licensing Assistance"
 re repository design codes. Requests preparation of RPPA
 for optional tasks.
 BROWNING, R.E. Division of Waste Management. FIN B-6985. 83/10/18.
 BROWN, R.S. Program Support Branch. 2pp. 27443:266.
- 8411050105 Exercises options to implement Tasks 4 & 5 of contract for
 "Benchmarking of Computer Codes & Licensing Assistance" re
 repository design codes. Requests preparation of RPPA.
 BROWNING, R.E. Division of Waste Management. FIN B-6985.
 83/10/06. BROWN, R.S. Program Support Branch. 1p. 27443:267.
- 8411050103 Forwards trial code summary for code SAP. Code undergoing
 internal review at Acres. Final rept due by 830731.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. 83/02/22. FEHRINGER, D.
 Division of Waste Management. 13pp. 27444:211.
- 8411050104 "Benchmarking of Computer Codes & Licensing Assistance,"
 monthly progress rept for Jan 1983.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/02/05.
 FEHRINGER, D. Division of Waste Management. 24pp. 27444:224.
- 8411050113 "BWIP Hydrogeology," rept of 830307-08 meetings w/Williams &
 Assoc & Geotrans in Silver Spring, MD.
 ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/03/17.
 VERMA, T.R. Division of Waste Management. 10pp. 27441:230.
- 8411050115 Comments on monthly progress rept for Aug 1983 re
 benchmark problems for waste package codes. Suggests that
 addl problems be developed for corrosion & leaching
 including anticipated repository conditions.
 FEHRINGER, D.J. Repository Projects Branch (Post 831001). FIN
 B-6985. 84/10/05. VOGT, D.K. Teknekron, Inc. 1p. 27443:268.
- 8411050116 Provides info on rept, "Drilling & Preparation of Reusable
 Long-Range Horizontal Boreholes in Rock & Gauge." Section 7
 of rept dealing w/state-of-the-art encl.
 LAMB, D.W. Acres American, Inc. FIN B-6985. 83/01/20. GREEVES, J.
 Division of Waste Management. 3pp. 27444:248.
- 8411050117 "BWIP Hydrogeology," rept of 821129-1206 meeting in Silver
 Spring, MD.
 ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/12/14.
 VERMA, T.R. Division of Waste Management. 2pp. 27441:240.
- 8411050121 Submits calculation of vertical groundwater travel water
 time through single & two-layer sys.
 ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/12/13.
 LOGSDON, M. NRC - No Detailed Affiliation Given. 3pp. 27441:242.
- 8411050123 Monthly progress rept for Dec 1982 re mgt summary of major
 accomplishments on Tasks 1, 3, 7 & 8.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/01/14.
 FEHRINGER, D. Division of Waste Management. 13pp. 27444:251.
- 8411050126 "NRC/BWIP Hydrogeology," progress rept for Nov 1982.
 ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/12/15.
 VERMA, T.R. Division of Waste Management. 6pp. 27441:245.

NONDOCKETED ITEMS

- 8411050127 "Performance of Engineered Barriers in Geologic Repository," progress rept for June/Jul 1983.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
83/08/13. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 12pp. 27443:055.
- 8411050130 "Benchmarking of Computer Codes of & Licensing Assistance," monthly progress rept for Aug 1983.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/09/15.
FEHRINGER, D. Division of Waste Management. 16pp. 27443:269.
- 8411050133 "BWIP Hydrogeology," rept of 821116 meeting w/NRC in Silver Spring, MD re aspects of site characterization rept.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/11/18.
VERMA, T.R. Division of Waste Management. 2pp. 27441:251.
- 8411050136 "Performance of Engineered Barriers in Geologic Repository," progress rept for May 1983.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
83/06/20. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 4pp. 27443:047.
- 8411050139 Discusses failure made involving formation of wrinkle or ridge in Ticode-12 overpack & underlying carbon steel structural member.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/09/12.
FEHRINGER, D. Division of Waste Management. 4pp. 27443:285.
- 8411050143 "Benchmarking of Computer Codes & Licensing Assistance," monthly rept for Jul 1983.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/08/15.
FEHRINGER, D. Division of Waste Management. 34pp. 27443:289.
- 8411050148 Provides criteria used to select codes for benchmarking.
LAMB, D.W. Acres American, Inc. FIN B-6985. NRC-02-81-026.
83/07/22. FEHRINGER, D. Division of Waste Management. 4pp. 27443:323.
- 8411050153 "Benchmarking of Computer Codes & Licensing Assistance," monthly rept for June 1983.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/07/15.
FEHRINGER, D. Division of Waste Management. 14pp. 27443:327.
- 8411050155 Forwards status of 3-D shaft analyses for BWIP site, per 830426 conference call.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
83/05/06. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 13pp. 27443:078.
- 8411050160 Forwards for review & comment, outline of benchmark problem rept for repository design codes.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/07/05.
FEHRINGER, D. Division of Waste Management. 8pp. 27443:341.
- 8411050163 "NRC/BWIP Hydrogeology," progress rept for Oct 1982.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/11/10.
VERMA, T.R. Division of Waste Management. 5pp. 27441:253.
- 8411050164 Discusses groundwater chemistry in site characterization rept.
JONES, B.G. Geotrans, Inc. FIN B-6985-2. 83/01/14. VOGT, D.K. Geotrans, Inc. 4pp. 27444:264.
- 8411050165 "Performance of Engineered Barriers in Geologic Repository," progress rept for Apr 1983.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
83/05/31. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 4pp. 27443:091.
- 8411050166 Forwards draft of code summaries for BETA Code. Comments requested within 1 wk so code can be included in 830729 final submittal.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/06/28.
FEHRINGER, D. Division of Waste Management. 12pp. 27443:349.
- 8411050169 Forwards four addl draft site issue analyses for BWIP. Issues identical to those given during 821101-03 meetings in Silver Spring, MD.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/11/05.
VERMA, T.R. High Level Waste Technical Development Branch. 2pp. 27441:258.
- 8411050171 Forwards, for review, list of 10CFR60 requirements addressed by repository design codes, per D VOGT request.
LAMB, D.W. Acres American, Inc. FIN B-6985. NRC-02-81-026.
83/06/23. FEHRINGER, D. Division of Waste Management. 4pp. 27443:361.
- 8411050172 Confirms NRC request that work commence on repository design codes under present contract, concentrating on heat transport & geochemical codes. Suggests that GeoTrans serve consulting & review role.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/12/22.
MERCER, J. Geotrans, Inc. 2pp. 27444:268.
- 8411050173 Submits estimated parameter ranges for flow tube models, per NRC request.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/11/10.
VERMA, T.R. Division of Waste Management. 13pp. 27441:260.
- 8411050174 "Performance of Engineered Barriers in Geologic Repository," progress rept for Mar 1983.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
83/04/20. PITTIGLIO, C.L. High Level Waste Technical Development Branch. 4pp. 27443:095.
- 8411050177 Forwards comments on summary rept for repository design codes & addl summaries for TENSOR & TRUMP. Marked-up copies of TENSOR & TRUMP summaries also encl. w/o summaries.
FEHRINGER, D.J. High Level Waste Licensing Management Branch. FIN B-6985. 83/06/22. VOGT, D.K. Teknekron, Inc. 4pp. 27444:003.
- 8411050178 "Benchmarking of Computer Codes & Licensing Assistance," monthly progress rept for Nov 1982.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/12/15.
FEHRINGER, D. Division of Waste Management. 4pp. 27444:270.
- 8411050180 "BWIP Hydrogeology," rept of 821101-03 meeting w/NRC in Silver Spring, MD re draft site characterization assessment, site issue analyses & mock-up Chapter 4 of site characterization assess.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/11/05.
VERMA, T. High Level Waste Technical Development Branch. 2pp. 27441:273.
- 8411050185 "Benchmarking of Computer Codes & Licensing Assistance," monthly rept for May 1983.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/06/15.
FEHRINGER, D. Division of Waste Management. 11pp. 27444:007.
- 8411050189 Forwards review of draft preliminary summary site issue analyses. w/o encl.
ROME, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/10/22.
VERMA, T.R. Division of Waste Management. 1p. 27441:275.
- 8411050190 Recommends that source term code DRIGEN be benchmarked from first subtype area, based on draft rept, "Summary of Computer Codes for Radiological Assessment." w/o stated encls.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/12/15.
FEHRINGER, D. Division of Waste Management. 1p. 27444:274.
- 8411050193 Forwards, for review & comment, summaries for codes TENSOR & TRUMP.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/06/08.
FEHRINGER, D. Division of Waste Management. 19pp. 27444:018.
- 8411050196 Discusses review of 830323 draft outline of final rept for Task 5 re position evaluation & criteria development. Draft basalt study complete & addl work continuing on Mod 4 incorporating revised conceptual design.
PITTIGLIO, C.L. High Level Waste Technical Development Branch. FIN B-6986. NRC-02-81-027. 83/04/06. PENTZ, D. Golder Associates. 2pp. 27443:102.
- 8411050197 Forwards info re waste package section of site characterization rept focusing on thermal & mechanical design of waste package.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/12/03.
FEHRINGER, D. Division of Waste Management. 15pp. 27444:275.
- 8411050200 Requests meeting to review encl list of alloys identified as candidate for high level radwaste packages for completeness & prioritization.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/06/01.
FEHRINGER, D. Division of Waste Management. 2pp. 27444:037.
- 8411050206 Forwards comments on May 1983 draft technical position on waste package reliability. Rept provided good documentation of general approach for analysis.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/05/26.
FEHRINGER, D. Division of Waste Management. 4pp. 27444:039.
- 8411050207 "Benchmarking of Computer Codes & Licensing Assistance," monthly progress rept for Oct 1982.
VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/11/15.
FEHRINGER, D. Division of Waste Management. 16pp. 27444:290.

NONDOCKETED ITEMS

431

- 8411050211 "NRC/BWIP Hydrogeology," progress rept for Sept 1982.
 ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 82/10/15.
 VERMA, T.R. Division of Waste Management. 9pp. 27441:276.
- 8411050213 "Benchmarking of Computer Codes & Licensing Assistance,"
 monthly rept for Apr 1983.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/05/13.
 FEHRINGER, D. Division of Waste Management. 13pp. 27444:043.
- 8411050215 Notices of two groundwater models omitted from Jul 1982
 NUREG/CR-2782. "Summary of Repository Siting Models."
 BAIN, A.T. Gannett Fleming Environmental Engineers, Inc. FIN B-6985.
 82/11/04. SILLIG, S. Division of Waste Management. 3pp. 27444:306.
- 8411050219 Forwards comments on factual content of DOE site
 characterization rept for BWIP.
 BROWN, A. Golder Associates. FIN B-7373. NRC-02-82-045. 83/01/18.
 VERMA, T. Division of Waste Management. 14pp. 27441:285.
- 8411050222 Forwards ltr rept reviewing potential structural &
 mechanical failure modes of high level waste package.
 Rept includes outline of methods used to analyze waste
 package performance.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/04/19.
 FEHRINGER, D. Division of Waste Management. 19pp. 27444:058.
- 8411050224 "Performance of Engineered Barriers in Geologic Repository,"
 progress rept for Feb 1983.
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 83/03/31. PITTIOLIO, C.L. Division of Waste Management. 16pp.
 27443:104.
- 8411050229 Discusses evaluation of skin effect in slug tests.
 FAUST, C.R. Geotrans, Inc. FIN B-6985-2. 82/10/27. VERMA, T.R.
 Geotrans, Inc. 14pp. 27444:309.
- 8411050238 Forwards draft annotated outline of final rept for Task 5.
 "Position Evaluation & Criteria Development."
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 83/03/23. PITTIOLIO, C.L. Division of Waste Management. 7pp.
 27443:120.
- 8411050239 Discusses correction of measured heads for temp & pressure
 effects.
 ROSS, B.I., THOMAS, S.D., FAUST, C.R. Geotrans, Inc. FIN B-6985.
 82/10/25. Geotrans, Inc. 28pp. 27444:323.
- 8411050249 Forwards comments on draft final Task 4 rept, "Evaluation
 of Engineered Barrier Design & Performance in Underground
 Basalt Repository."
 PITTIOLIO, C.L. High Level Waste Technical Development Branch. FIN
 B-6986. NRC-02-81-027. 83/03/14. PENTZ, D. Golder Associates.
 5pp. 27443:127.
- 8411050254 "Benchmarking of Computer Codes & Licensing Assistance,"
 monthly progress rept for Sept 1982.
 VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 82/10/15.
 FEHRINGER, D. Division of Waste Management. 10pp. 27444:351.
- 8411050255 "Performance of Engineered Barriers in Geologic Repository,"
 progress rept for Jan 1983.
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 83/02/22. PITTIOLIO, C.L. High Level Waste Technical Development
 Branch. 6pp. 27443:132.
- 8411050265 Forwards draft rept on Nevada Waste Site Investigation based
 on 830124-27 design workshop. Comments requested.
 PENTZ, D. Golder Associates. FIN B-6986. NRC-02-81-027. 83/02/18.
 GREEVES, J. Division of Waste Management. 6pp. 27443:138.
- 8411050275 Forwards comments on "Performance of Engineered Barriers
 in Basalt Repository." Document requires clear & concise
 summary which highlights important factors.
 TALBOT, R. Golder Associates. FIN B-6986. 83/02/01. PITTIOLIO, C.L.
 NRC - No Detailed Affiliation Given. 7pp. 27443:144.
- 8411050282 "Performance of Engineered Barriers in Geologic Repository,"
 progress rept for Dec 1982.
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 83/01/24. PITTIOLIO, C.L. High Level Waste Technical Development
 Branch. 7pp. 27443:151.
- 8411050293 Comments on "Performance of Engineered Barriers in Geologic
 Repository," monthly progress rept for Nov 1982.
 PITTIOLIO, C.L. High Level Waste Technical Development Branch. FIN
 B-6986. NRC-02-81-027. 83/01/17. PENTZ, D. Golder Associates.
 2pp. 27443:156.
- 8411050299 "Performance of Engineered Barriers in Geologic Repository,"
 progress rept for Nov 1982.
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 82/12/27. PITTIOLIO, C.L. High Level Waste Technical Development
 Branch. 4pp. 27443:158.
- 8411050305 "Performance of Engineered Barriers in Geologic Repository,"
 progress rept for Oct 1982.
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 82/11/23. PITTIOLIO, C.L. High Level Waste Technical Development
 Branch. 12pp. 27443:162.
- 8411050323 Comments on "Performance of Engineered Barriers in Geologic
 Repository," monthly progress rept for Sept 1982.
 PITTIOLIO, C.L. High Level Waste Technical Development Branch. FIN
 B-6986. NRC-02-81-027. 82/11/09. PENTZ, D. Golder Associates.
 2pp. 27443:174.
- 8411050331 Provides estimates for guidance in assessment work involved
 to document & review state-of-the-art in "Performance of
 Engineered Barriers in Geologic Repository Critique &
 Summary of Radionuclides Solubility."
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 82/11/05. PITTIOLIO, C.L. High Level Waste Technical Development
 Branch. 3pp. 27443:176.
- 8411050341 "Performance of Engineered Barriers in Geologic Repository
 Task 4 Progress Rept Evaluation of Underground Facility
 Design & Performance."
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 82/11/02. PITTIOLIO, C.L. High Level Waste Technical Development
 Branch. 11pp. 27443:179.
- 8411050357 Forwards revised supplemental effort document re impact of
 repository design alterations at BWIP site. Rev reflects NRC
 recommendations for adjustment of scope & cost.
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 82/10/28. FIELDS, J. Division of Contracts. 10pp. 27443:190.
- 8411050366 Provides support for DOE effort in directing studies at
 Nevada Test Site towards locating repository in vadose
 unsaturated zone. Further work on tuff should be limited to
 qualitative review of site conditions.
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 82/10/26. PITTIOLIO, C.L. High Level Waste Technical Development
 Branch. 3pp. 27443:200.
- 8411050371 Forwards minutes of 820917-18 preparation meeting for BWIP
 design workshop, per agreement during meeting.
 PITTIOLIO, C.L. High Level Waste Technical Development Branch. FIN
 B-6986. NRC-02-81-027. 82/10/19. PENTZ, D. Golder Associates.
 3pp. 27443:203.
- 8411050378 Forwards comments on "Evaluation of Underground Facility
 Design & Performance," Task 4 progress rept.
 KNAPP, M.R. High Level Waste Licensing Management Branch. FIN
 B-6986. 82/09/17. GREEVES, J.T. High Level Waste Technical
 Development Branch. 10pp. 27443:205.
- 8411050385 "Performance of Engineered Barriers in Geologic Repository,"
 progress rept for Sept 1982.
 PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027.
 82/10/18. PITTIOLIO, C.L. High Level Waste Technical Development
 Branch. 9pp. 27443:216.
- 8411050478 "Assessment of Waste Retrieval Alternatives," progress rept
 for Sept 1983.
 KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
 NRC-02-82-031. 83/10/24. TIKTINSKY, D. High Level Waste Technical
 Development Branch. 4pp. 27445:273.
- 8411050480 "Assessment of Waste Retrieval Alternatives," progress rept
 for Aug 1983.
 KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
 NRC-02-82-031. 83/09/13. TIKTINSKY, D. High Level Waste Technical
 Development Branch. 4pp. 27445:277.
- 8411050485 "Assessment of Waste Retrieval Alternatives," ltr rept of
 Task 2, Work Order 4, Sixth Intl Symposium on Salt held
 830524-28 in Toronto, Ontario, Canada.
 KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
 NRC-02-82-031. 83/08/26. TIKTINSKY, D. High Level Waste Technical
 Development Branch. 12pp. 27445:281.
- 8411050487 "Assessment of Waste Retrieval Alternatives," progress rept
 for Jul 1983.
 KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
 NRC-02-82-031. 83/08/19. TIKTINSKY, D. High Level Waste Technical
 Development Branch. 4pp. 27445:293.

NONDOCKETED ITEMS

8411050488 "Assessment of Waste Retrieval Alternatives," progress rept for June 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/07/22. TIKTINSKY, D. High Level Waste Technical Development Branch. 4pp. 27445:297.

8411050492 "Assessment of Waste Retrieval Alternatives," progress rept for May 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/06/21. CHASE, L. High Level Waste Technical Development Branch. 4pp. 27445:301.

8411050496 Comments on 830419 & 20 DOE/DONWI/NRC Salt Workshop in Columbus, OH.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/06/15. CHASE, L. High Level Waste Technical Development Branch. 7pp. 27445:305.

8411050499 Provides interpretations & findings re NRC 830518 comments on draft final rept of "Assessment of Waste Retrieval Alternatives."
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/06/10. CHASE, L. High Level Waste Technical Development Branch. 2pp. 27445:312.

8411050501 Reviews monthly progress rept for Apr 1983, "Assessment of Waste Retrieval Alternatives." Progress satisfactory.
CHASE, L. High Level Waste Technical Development Branch. FIN B-7327.
NRC-02-82-031. 83/06/09. KENDORSKI, F. Engineers International, Inc. 2pp. 27445:314.

8411050503 "Assessment of Waste Retrieval Alternatives," progress rept for Apr 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/05/20. CHASE, L. High Level Waste Technical Development Branch. 6pp. 27445:316.

8411050506 Comments on Engineers Intl 830506 ltr rept re retrievability. Retrieval of hot backfill not demonstrated & may require extensive equipment development.
ZURFLUEH, E.O. Division of Health, Siting & Waste Management. FIN B-7327.
83/05/18. CHASE, L. High Level Waste Technical Development Branch. 2pp. 27445:322.

8411050508 Forwards comments on draft final rept, "Assessment of Waste Retrieval Alternatives," for consideration while preparing final rept.
CHASE, L. High Level Waste Technical Development Branch. FIN B-7327.
NRC-02-82-031. 83/05/18. KENDORSKI, F.S. Engineers International, Inc. 8pp. 27445:324.

8411050514 Comments on ltr rept re natl waste terminal storage retrievability position. NRC intends for DOE to have considerable flexibility in design of repository while maintaining option to retrieve wastes.
REHFELDT, W.R. High Level Waste Technical Development Branch. FIN B-7327.
NRC-02-82-031. 83/05/18. CHASE, L. High Level Waste Technical Development Branch. 2pp. 27445:332.

8411050517 Provides review of natl waste terminal storage program position on retrievability.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/05/06. CHASE, L. High Level Waste Technical Development Branch. 11pp. 27445:334.

8411050520 Discusses review of Mar 1983 monthly progress rept, "Assessment of Waste Retrieval Alternatives."
CHASE, L. High Level Waste Technical Development Branch. FIN B-7327.
NRC-02-82-031. 83/05/05. KENDORSKI, F. Engineers International, Inc. 2pp. 27445:345.

8411050523 "Assessment of Waste Retrieval Alternatives," progress rept for Mar 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/04/19. CHASE, L. High Level Waste Technical Development Branch. 3pp. 27445:347.

8411050525 "Assessment of Waste Retrieval Alternatives," progress rept for Feb 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/03/18. CHASE, L. High Level Waste Technical Development Branch. 7pp. 27445:352.

8411050527 Reviews monthly progress rept for Jan 1983. Description of work accomplished represents acceptable performance.
CHASE, L. High Level Waste Technical Development Branch. FIN B-7327.
NRC-02-81-031. 83/03/10. KENDORSKI, F. Engineers International, Inc. 2pp. 27445:359.

8411050528 "Nevada Test Site Visit 820517-20," ltr rept.
* Golder Associates. FIN B-7368. NRC-02-82-042. 82/06/30. 150pp. 27445:011.

8411050529 "Assessment of Waste Retrieval Alternatives," progress rept for Jan 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/02/18. CHASE, L. High Level Waste Technical Development Branch. 6pp. 27445:361.

8411050530 Ack receipt of monthly progress rept for Sept 1983. Progress made under terms of contract satisfactory.
POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7378.
83/10/25. ROSS, B.I. Geotrans, Inc. 1p. 27445:132.

8411050531 Suggests that technical review meeting re retrievability of waste from repositories in salt & tuff be held on 830221. Proposed agenda also presented.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/02/03. CHASE, L. High Level Waste Technical Development Branch. 2pp. 27445:006.

8411050532 Trip rept of 840920-21 attendance at Nevada Nuclear Waste Site Investigations Hydrogeology Workshop in Denver, CO. Trip to groundwater discharge points re Nevada Test Site groundwater sys on 840922-23 also discussed.
ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/09/29. POHLE, J. Division of Waste Management. 6pp. 27445:133.

8411050533 Submits ltr rept on Task 2, Work Order 1 re effect of high horizontal stress & consequent elliptical opening design contemplated for BWIP.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/01/27. CHASE, L. High Level Waste Technical Development Branch. 10pp. 27446:008.

8411050535 "Hydrogeology of Nevada Test Site, Project D," monthly progress rept for Aug 1983.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/09/13. POHLE, J.A. Division of Waste Management. 2pp. 27445:139.

8411050536 "Assessment of Waste Retrieval Alternatives," progress rept for Dec 1982.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 83/01/14. CHASE, L. High Level Waste Technical Development Branch. 5pp. 27446:018.

8411050538 Requests clarification from NRC re possible conflict of interest concerning Geotrans short course on safety high level radwaste disposal.
ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/09/13. POHLE, J.A. Division of Waste Management. 1p. 27445:141.

8411050539 "Assessment of Waste Retrieval Alternatives," progress rept for Nov 1982.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 82/12/17. CHASE, L. High Level Waste Technical Development Branch. 4pp. 27446:023.

8411050541 "Assessment of Waste Retrieval Alternatives," progress rept for Oct 1982.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 82/11/19. CHASE, L. High Level Waste Technical Development Branch. 6pp. 27446:027.

8411050542 "Hydrogeology of Nevada Test Site, Project D," monthly progress rept for Jul 1983.
ROSS, B. Geotrans, Inc. NRC-02-82-047. 83/08/09. POHLE, J.A. Division of Waste Management. 2pp. 27445:142.

8411050544 Forwards discussion questions for use in preparing agenda for hydrogeology workshop, per request.
ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/09/09. POHLE, J.A. NRC - No Detailed Affiliation Given. 2pp. 27445:144.

8411050545 Forwards summary of agreements & conclusions reached at 820916 & 17 meetings w/Engineers Intl, Inc in Silver Spring, MD re aspects of work performed under contract, "Assessment of Waste Retrieval Alternatives."
CHASE, L. High Level Waste Technical Development Branch. FIN B-7327.
NRC-02-08-031. 82/10/25. KENDORSKI, F. Engineers International, Inc. 9pp. 27446:033.

8411050548 "Assessment of Waste Retrieval Alternatives," progress rept for Sept 1982.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 82/10/19. CHASE, L. High Level Waste Technical Development Branch. 8pp. 27446:042.

8411060001 Discusses 830920-21 trip to Golden, CO re Nevada Nuclear Waste Site Investigations hydrology briefing. Format for proposed DOE/NRC workshop on hydrogeology of unsaturated zone investigations suggested.
MIFFLIN, M.D. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/11/07. POHLE, J. Division of Waste Management. 13pp. 27446:050.

NONDOCKETED ITEMS

433

- 8411060003 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C." monthly progress rept for Oct 1983. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/11/02. POHLE, J. Division of Waste Management. 2pp. 27446:063.
- 8411060004 Reviews monthly progress rept for Sept 1983. Addl workshop re unsaturated zone agreed upon during Nevada Nuclear Waste Site Investigations hydrogeology workshop on 830919-21 in Denver, CO. POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7377. NRC-02-82-046. 83/10/25. WILLIAMS, R.E. Williams & Associates. 1p. 27446:065.
- 8411060006 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C." monthly progress rept for Sept 1983. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/10/05. POHLE, J. Division of Waste Management. 4pp. 27446:066.
- 8411060007 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C." monthly progress rept for Aug 1983. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/09/06. POHLE, J. Division of Waste Management. 4pp. 27446:070.
- 8411060008 Submits questions for 830919-21 meeting in Denver, CO in response to request. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/09/06. POHLE, J. Division of Waste Management. 1p. 27446:074.
- 8411060010 Provides questions for discussion at DOE/NRC 830919-21 Hydrogeology Workshop in Denver, CO in response to request. EL-ZEFTAWY, A. Affiliation Not Assigned. FIN B-7377. 83/09/07. POHLE, J. Division of Waste Management. 3pp. 27446:075.
- 8411060012 Provides trip rept of 830826 pre-workshop meeting. Followup on questions for 830920-21 workshop in Denver, CO also provided. MIFFLIN, M.D. Affiliation Not Assigned. FIN B-7377. 83/09/07. POHLE, J. Division of Waste Management. 3pp. 27446:078.
- 8411060014 Provides trip rept of 840826 pre-hydrology workshop meeting in Washington, DC re finalization of staff technical position & 840919-21 workshop agenda. Questions for discussion at workshop listed. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/09/01. POHLE, J. Division of Waste Management. 3pp. 27446:081.
- 8411060018 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C." monthly progress rept for Jul 1983. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/08/08. POHLE, J. Division of Waste Management. 3pp. 27446:084.
- 8411060019 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C." monthly progress rept for June 1983. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/07/06. POHLE, J. Division of Waste Management. 2pp. 27446:087.
- 8411060023 Submits addl suggestion re hydrogeochemical & isotope hydrology to be included w/suggested staff technical positions. Use of hydrogeochemical data in complex environs has become more refined & useful in recent yrs. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/06/20. POHLE, J.A. Division of Waste Management. 1p. 27446:089.
- 8411060024 Advises that characterization of unsaturated zone in Yucca Mountain, determination of flow paths & travel times in saturated zone & impact of climate change constitute three areas which warrant addl staff positions. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/06/17. POHLE, J.A. Division of Waste Management. 2pp. 27446:090.
- 8411060028 Forwards draft list of technical questions re groundwater at Nevada Nuclear Waste Site Investigations. Questions should serve as basis of first site technical position. POHLE, J.A. High Level Waste Technical Development Branch. FIN B-7377. NRC-02-82-046. 83/05/09. WILLIAMS, R.E. Williams & Associates. 11pp. 27446:092.
- 8411060031 Submits trip rept of 830304 & 05 field reconnaissance level site visit of principle discharge area of Nevada Test Site carbonate rock aquifer sys & insp of eastern perimeter of postulated flow sys. MIFFLIN, M.D. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/04/05. POHLE, J. Division of Waste Management. 6pp. 27446:103.
- 8411060035 Forwards outline covering data on boundary conditions. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/04/04. POHLE, J. Division of Waste Management. 11pp. 27446:109.
- 8411060038 Submits trip rept of 830314-15 post-workshop hydrogeology meeting in Silver Spring, MD. Draft outline re staff position paper on Nevada Nuclear Waste Site Investigations will be prepared by 830404. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/03/23. POHLE, J. Division of Waste Management. 2pp. 27446:120.
- 8411060042 Forwards "Principles of Flow in Unsaturated Zone in Ref to Yucca Mountain Repository." Lack of discussion re testing procedures for type of unsaturated zone of concern. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/03/11. POHLE, J. High Level Waste Technical Development Branch. 1p. 27446:122.
- 8411060044 "Principles of Flow in Unsaturated Zone in Ref to Yucca Mountain Repository." EL-ZEFTAWY, A. Williams & Associates. FIN B-7377. 83/03/31. NRC - No Detailed Affiliation Given. 24pp. 27446:123.
- 8411060046 Submits trip rept of 830117-20 NRC/DOE Hydrogeology Workshop. Issues developed during workshop listed. WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/02/08. VERMA, T. Division of Waste Management. 6pp. 27446:147.
- 8411060048 Submits trip rept of 830126-28 visit to Denver Federal Ctr, Denver, CO re review of data for Nevada Test Site concerning potential high level radwaste repository. WILLIAMS, R.E. Williams & Associates. FIN B-7377. 83/01/31. VERMA, T. Division of Waste Management. 2pp. 27446:153.
- 8411060053 Discusses review of 830609 ltr which elaborates discussion of joint effort between Geotrans & Williams & Assoc to prepare analysis of conceptual models of variably saturated zone at Nevada Nuclear Waste Site Investigations. POHLE, J.A. High Level Waste Technical Development Branch. FIN B-7378-2. 83/07/07. MERCER, J.W. Geotrans, Inc. 2pp. 27445:146.
- 8411060056 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for June 1983. ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/07/06. POHLE, J.A. Division of Waste Management. 3pp. 27445:148.
- 8411060059 Forwards draft review of Sandia scenarios rept. ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/06/27. POHLE, J.A. Division of Waste Management. 1p. 27445:151.
- 8411060067 Draft review of "Scenarios for Consequence Assessments of Radwaste Repositories of Yucca Mountain, Nevada Test Site." Technical value overestimated. AUGUST, L. ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/06/24. NRC - No Detailed Affiliation Given. 5pp. 27445:152.
- 8411060071 Comments on paper entitled, "Weighting of Observed Heads for Inverse Problem," in response to 830525 request. POHLE, J.A. High Level Waste Technical Development Branch. FIN B-7378-2. 83/06/21. ROSS, B. Geotrans, Inc. 2pp. 27445:157.
- 8411060074 Forwards "Introduction to SATURN Two-Dimensional Finite Element Code for Simulating Saturated-Unsaturated Flow & Radio-Nuclide Transport." Outlines effort between Geotran & Williams & Assoc to produce paper on Yucca Mountain. MERCER, J.W. Geotrans, Inc. FIN B-7378-2. 83/06/09. POHLE, J.A. Division of Waste Management. 2pp. 27445:159.
- 8411060077 "Introduction to SATURN Two-Dimensional Finite Element Code for Simulating Saturated-Unsaturated Flow & Radio-Nuclide Transport." HUYAKORN, P.S., LESTER, B.H. Geotrans, Inc. FIN B-7378-2. 83/02/28. 26pp. 27445:161.
- 8411060089 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for May 1983. ROSS, B. Geotrans, Inc. FIN B-7378. 83/06/06. POHLE, J.A. Division of Waste Management. 3pp. 27445:187.
- 8411060091 Provides list of topics appropriate for detailed site technical positions. ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/05/31. POHLE, J.A. Division of Waste Management. 1p. 27445:190.
- 8411060092 Forwards abstract entitled, "Weighting of Observed Heads for Inverse Problem," for submission to Water Resources Research. Requests permission to publish paper. ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/05/25. POHLE, J.A. Division of Waste Management. 1p. 27445:191.
- 8411060095 Abstract entitled "Weighting of Observed Heads for Inverse Problem." ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/05/25. 12pp. 27445:192.

NONDOCKETED ITEMS

- 8411060102 Forwards comments on draft Nevada Nuclear Waste Site Investigations groundwater issues & draft site technical position, in response to 830509 request. ROSS, B. Geotrans, Inc. FIN B-7378-2. 83/05/19. POHLE, J.A. Division of Waste Management. 18pp. 27445:204.
- 8411060109 Requests comments on encl questions re groundwater at Nevada Nuclear Waste Site Investigations & draft site technical position based on guidance presented. POHLE, J.A. High Level Waste Technical Development Branch. FIN B-7378-2. 83/05/09. ROSS, B.I. Geotrans, Inc. 11pp. 27445:222.
- 8411060114 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Apr 1983. ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/05/02. POHLE, J.A. Division of Waste Management. 4pp. 27445:233.
- 8411060119 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Mar 1983. ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/04/04. POHLE, J.A. Division of Waste Management. 2pp. 27445:237.
- 8411060125 Discusses Feb 1983 monthly rept & 830304-05 trip rept re groundwater discharge areas near Nevada Test Site. Progress under terms of contract satisfactory. Assistance requested in preparing hydrogeology characterization analysis. POHLE, J.A. High Level Waste Technical Development Branch. FIN B-7378-2. NRC-02-82-047. 83/03/23. ROSS, B.I. Geotrans, Inc. 2pp. 27445:239.
- 8411060138 Summarizes 830314 & 15 post-workshop hydrogeology meeting re development of staff technical position on Nevada Nuclear Waste Site Investigations. ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/03/16. POHLE, J.A. Division of Waste Management. 1p. 27445:241.
- 8411060143 Discusses 830304 & 05 visit to groundwater discharge areas near Nevada Test Site. ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/03/11. POHLE, J.A. Division of Waste Management. 2pp. 27445:242.
- 8411060147 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Feb 1983. ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/03/09. POHLE, J.A. Division of Waste Management. 3pp. 27445:244.
- 8411060151 Requests that BI Ross join Mifflin & Elzeftaway of Williams & Assoc., Inc on 830304 site insp of Alkali Flat/Ash Meadows groundwater discharge areas south of Nevada Test Site. POHLE, J.A. High Level Waste Technical Development Branch. FIN B-7378-2. NRC-02-82-047. 83/03/03. ROSS, B.I. Geotrans, Inc. 2pp. 27445:247.
- 8411060155 Discusses monthly progress rept for Jan 1983. Work in Feb will focus on mechanisms for movement of water containments in unsaturated zone. Forwards Univ of Arizona final rept of studies in same area. W/o rept. VERMA, T. High Level Waste Technical Development Branch. FIN B-7378-2. NRC-02-82-047. 83/02/14. ROSS, B.I. Geotrans, Inc. 2pp. 27445:249.
- 8411060164 Forwards draft trip rept covering 830117-19, 20 & 27-28 meetings in Denver, CO re Nevada Nuclear Waste Site Investigations hydrogeology workshop. ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/02/07. POHLE, J.A. Division of Waste Management. 11pp. 27445:251.
- 8411060169 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Jan 1983. ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/02/03. POHLE, J.A. Division of Waste Management. 5pp. 27445:262.
- 8411060172 Forwards M Anderson review article re transport processes & data, including methods for determining effective porosity in saturated zone. MERCER, J.W. Geotrans, Inc. FIN B-7378-2. 83/02/02. VERMA, T. Division of Waste Management. 3pp. 27445:267.
- 8411060182 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Dec 1982. ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 83/01/04. VERMA, T.R. Division of Waste Management. 2pp. 27445:270.
- 8411060189 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Oct 1982. ROSS, B.I. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 82/11/04. VERMA, T.R. Division of Waste Management. 1p. 27445:272.
- 8411060218 Third monthly progress rept for Feb 1984. WINTER, G. Williams & Associates. FIN B-7389. NRC-02-83-033. 84/02/29. COOKE, B. Division of Waste Management. 12pp. 27449:089.
- 8411060256 Submits review of NRC memo re harmonic mean & flow parameters for frequency div multiplex groundwater models. Use of arithmetic mean most accurate method of calculating interface transmissibility. POETER, E. Golder Associates. FIN B-7373. NRC-02-82-045. 84/01/20. GORDON, M. Division of Waste Management. 3pp. 27449:101.
- 8411060272 "Reviewing Hydrogeologic Investigations of BWIP, Project B." monthly progress rept for Jan 1984. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/02/14. GORDON, M. Division of Waste Management. 5pp. 27449:104.
- 8411060317 Submits review of SD-BWI-TI-136, "Results & Evaluation of Experimental Vertical Hydraulic Conductivity Testing at Boreholes DC-4 & DC-5." Document does not represent valid use of ratio method for determining vertical permeability. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/02/14. GORDON, M. Division of Waste Management. 21pp. 27449:109.
- 8411060517 Requests attendance at 840109 data collection visit to BWIP. Outline of BWIP hydrogeology team strategy & responsibility for FY84 encl for review. Meeting should provide basis for environ assessment review & site technical positions. LOGSDON, M. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/12/27. ROWE, J. Golder Associates. 5pp. 27449:130.
- 8411060523 Submits meeting rept of 831129-1203 BWIP Exploratory Shaft & Underground Testing Workshop in Richland, WA. Review comments listed. A Brown rept encl. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/12/14. GORDON, M. Division of Waste Management. 17pp. 27449:135.
- 8411060526 Submits review of RHO-BW-CR-131 P. "Analysis of Two-Well Tracer Tests W/Pulse Input." Further test experience w/analytical method necessary to confirm applicability. A Brown review encl. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/01/27. GORDON, M. Division of Waste Management. 8pp. 27449:152.
- 8411060529 Requests ltr rept on hydrologic test data & other info obtained during 840109-13 BWIP site visit. Rept should address data reliability & completeness & NRC guidance for future DOE testing. Rept requested by 840221. LOGSDON, M. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 84/02/09. WILLIAMS, R. Williams & Associates. 1p. 27449:160.
- 8411060541 Forwards summary notes from 831129-1203 BWIP/NRC Workshop on Underground Testing. No action required. Agenda, attendee list & NRC preliminary comments encl. LOGSDON, M. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/12/12. ROWE, J. Golder Associates. 18pp. 27449:161.
- 8411060546 Forwards summary notes of 831129-1203 BWIP/NRC Workshop in Richland, WA re underground testing. Agenda, attendee list & NRC preliminary comments encl. LOGSDON, M. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/12/16. WILLIAMS, R. Williams & Associates. 18pp. 27449:179.
- 8411060550 Second monthly progress rept for Jan 1984. WINTER, G. Williams & Associates. FIN B-7389. NRC-02-82-033. 84/02/09. COOKE, B. Division of Waste Management. 18pp. 27449:225.
- 8411060554 Comments on monthly progress rept, dtd 840104. Changes to statement of work under consideration include identification of environ assessment review as preliminary step in review process. Draft std review plan encl. COOKE, B.A. Geotechnical Branch (Post 831001). FIN B-7389. NRC-02-83-033. 84/01/31. WILLIAMS, R.E. Williams & Associates. 28pp. 27449:197.
- 8411060555 Comments on Jan 1984 monthly progress rept. USGS views on data & info status of high level waste sites, including SALT sites & review on computer modeling results, encl. COOKE, B. Geotechnical Branch (Post 831001). FIN B-7389. NRC-02-82-033. 84/03/01. WILLIAMS, R.E. Williams & Associates. 3pp. 27449:243.
- 8411060556 Forwards response to Congressman RL Ottinger request re status of info at nine DOE high level radwaste repository candidate sites. ROLLO, J.R. Interior, Dept. of, Geological Survey. FIN B-7389. 83/08/23. MILLER, H.J. High Level Waste Technical Development Branch. 25pp. 27449:246.

NONDOCKETED ITEMS

435

8411060561 Informs of 840308-09 meeting w/hydrogeology SALT team & contractor in Silver Spring, MD re SALT conceptual models. Presentation of alternative conceptual models developed for Palo Duro Basin requested.
COOKE, B. Geotechnical Branch (Post 831001). FIN B-7389. 84/02/29.
WILLIAMS, R.E. Williams & Associates. 3pp. 27449:296.

8411060563 Forwards USGS Water Supply Paper 2237, "Regional Flow in Dakota Aquifer: Study of Role of Confining Layers," referenced in conceptual models for Palo Duro Basin. W/o encl.
WINTER, G. Williams & Associates. FIN B-7389. NRC-02-82-033. 84/03/12. COOKE, B. Division of Waste Management. 2pp. 27449:299.

8411060565 Forwards view on conceptual groundwater flow models for Palo Duro Basin.
WINTER, G.V. Williams & Associates. FIN B-7389. NRC-02-82-033. 84/03/02. COOKE, B. Division of Waste Management. 30pp. 27449:301.

8411060572 Forwards description of data needs assessment (DNA) approach & example of DNA model used in SALT repository breach analysis, per 840210 request. Approach will aid in issue identification & prioritization.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/02/17. COOKE, B. Division of Waste Management. 12pp. 27448:218.

8411060577 Forwards revised SRP for draft environ assessments. Comments requested.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/02/24. COOKE, B. Division of Waste Management. 11pp. 27448:230.

8411060583 Forwards draft rept, "Conceptual Geohydrologic Models of Paradox Basin." Model provides setting for issue prioritization & data needs assessment. Comments requested.
POETER, E. Golder Associates. FIN B-7390. 1033. 84/03/23. COOKE, B. Division of Waste Management. 1p. 27448:242.

--8411060588 "Conceptual Geohydrologic Models of Paradox Basin," draft technical rept.
* Golder Associates. FIN B-7390. NRC-02-83-034. 84/03/23. Division of Waste Management. 10pp. 27448:243.

8411070190 Submits trip rept of 831121-23 workshop in Silver Spring, MD re SWIFT & SWIFT II hydrologic flow & solute transport codes.
ROWE, J., POETER, E. Golder Associates. FIN B-7373. NRC-02-82-045. 83/12/09. GORDON, M. Division of Waste Management. 8pp. 27448:274.

8411070192 "Reviewing Hydrogeologic Investigations of BWIP, Project B," monthly progress rept for Feb 1984.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/03/13. GORDON, M. Division of Waste Management. 3pp. 27448:282.

8411070202 "NRC Review of Nevada Nuclear Waste Storage Investigations," draft status rept.
* Geotrans, Inc. FIN B-7378. NRC-02-82-047. 84/10/30. Division of Waste Management. 26pp. 27448:285.

8411070253 "Reviewing Hydrogeologic Investigations of Nevada Test Site-Project C," monthly progress rept for Feb 1984.
WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 84/03/07. POHLE, J. Division of Waste Management. 1p. 27448:312.

8411070258 Ack receipt of Jan 1984 monthly progress rept & forwards USGS Rept 83-4171, "Geohydrologic Data & Test Results From J-13, Nevada Test Site, Nye County, NV," for review in next monthly rept. W/o encl.
POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7377. NRC-02-82-046. 84/03/02. WILLIAMS, R.E. Williams & Associates. 2pp. 27448:313.

8411070263 Forwards J Daemen 840206 trip rept of 840117-18 & 840123-26 meetings in Silver Spring, MD & Richland, WA, respectively, re BWIP data review. Completed handwritten checklist w/specific response also encl.
GONAND, L.P. Golder Associates. FIN B-6983. 8/84/49. 84/02/06. BUCKLEY, J. Division of Waste Management. 12pp. 27448:253.

8411070264 "Reviewing Hydrogeologic Investigations of Nevada Test Site-Project C," monthly progress rept for Nov 1983.
WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 83/12/13. POHLE, J. Division of Waste Management. 3pp. 27448:315.

8411070267 Comments on Feb 1984 progress rept. Review of BWIP hydrogeology repts & site technical position on hydrogeology testing requested by 840420. Development of site technical position re uphole tests should continue.
GORDON, M. Geotechnical Branch (Post 831001). FIN B-7373. 1026. 84/03/29. ROWE, J. Golder Associates. 3pp. 27448:318.

8411070272 Comments on NUREG-1046, "Disposal of High Level Radwastes in Unsaturated Zone: Technical Considerations." Rept explains differences between saturated & unsaturated zones in clear & concise manner.
WILLIAMS, R.E. Williams & Associates. FIN B-7377. NRC-02-82-046. 84/03/15. POHLE, J.A. Division of Waste Management. 2pp. 27448:334.

8411070273 Forwards J Daemen 831229 trip rept of 831208 meeting w/ Engineers Intl & NRC in Silver Spring, MD re assessment of high level waste retrieval alternatives, in response to NRC 831206 request.
GONAND, L.P. Golder Associates. FIN B-6983. NRC-02-81-037. 83/12/30. BUCKLEY, J. Division of Waste Management. 7pp. 27448:265.

8411070275 "Comments & Observations Following Jan 1984 Data Review Visit to BWIP Site."
ROWE, J., BROWN, A. Golder Associates. FIN B-7373. NRC-02-82-045. 84/03/06. GORDON, M. Geotechnical Branch (Post 831001). 34pp. 27448:336.

8411070279 Comments on Oct 1983 monthly progress rept. Task 3B complete. All work conducted after 831031 should be considered as Task 4. MJ Gordon will replace MJ Logsdon as project officer, effective 831201.
LOGSDON, M.J. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/11/29. ROWE, J. Golder Associates. 2pp. 27449:015.

8411070280 Submits comments on Oct 1983 progress rept. Status of Assigned Projects 1-22 noted.
BUCKLEY, J.T. Engineering Branch (Post 831001). FIN B-6983. NRC-02-81-037. 83/12/13. GATES, R. Golder Associates. 2pp. 27448:272.

8411070284 Forwards RHO-BW-CR-131P, "Analysis of Two-Well Tracer Tests W/Pulse Input" for review. Review consisting of marked-up test & ltr rept should be submitted by 831230. W/o encl.
LOGSDON, M.J. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 83/12/06. ROWE, J. Golder Associates. 2pp. 27449:017.

8411070290 Forwards marked-up draft of RHO-BW-CR-140P, "Numerical Modeling of Parametric Uncertainties in Flow Through Porous Media: Development & Initial Testing of PORSTAT." Addl study of PORSTAT method necessary.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/11/28. LOGSDON, M. Division of Waste Management. 63pp. 27449:019.

8411080001 "NRC/Salt Hydrogeology," monthly ltr progress rept for Jan 1984.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/02/16. COOKE, B. Division of Waste Management. 100pp. 27447:216.

8411080002 "NRC/Salt Hydrogeology," monthly ltr progress rept for Dec 1983.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/01/18. COOKE, B. Division of Waste Management. 36pp. 27447:349.

8411080005 Forwards proposed agenda for 831216 kick-off meeting for two Salt contracts falling under hydrogeology basic ordering agreement. Attendees listed.
COOKE, B., ROSS, F. Geotechnical Branch (Post 831001). FIN B-7389. NRC-02-83-033. 83/12/13. KNAPP, M.R. Geotechnical Branch (Post 831001). 2pp. 27449:332.

8411080007 Comments on Oct 1983 monthly progress rept. Work to date acceptable. Work requests issued under Task 2 noted.
TIKTINSKY, D. Engineering Branch (Post 831001). FIN B-7327. NRC-02-82-031. 83/12/09. KENDORSKI, F.S. Engineers International, Inc. 1p. 27454:360.

8411080009 Forwards "Evaluation of Importance Measures for PRA Applications," for review. Review should emphasize whether evaluation is complete. Comments requested by 840327.
TIKTINSKY, D.H. Engineering Branch (Post 831001). FIN B-6934. NRC-02-80-075. 84/03/14. KERKERNING, C. Interior, Dept. of, Bureau of Mines. 1p. 27449:334.

--8411080011 "Evaluation of Importance Measures for PRA Applications."
LIGON, D.M. GA Technologies, Inc./General Atomic Co. FIN B-6934. 84/02/29. 43pp. 27449:335.

8411080010 Draft "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," work plan.
CROFF, A.O., KILMERS, A.D. Oak Ridge National Laboratory. FIN B-0290. 83/12/01. STARMER, R.J. Geotechnical Branch (Post 831001). 23pp. 27446:293.

NONDOCKETED ITEMS

- 8411080012 Comments on Oct 1983 progress rept re effect of repository environ on performance of waste package/engineered sys components. Suggested changes to technical position on repository environ parameters should be incorporated.
CHANG, K. C. Engineering Branch (Post 831001). FIN B-0288. 83/11/29.
CROFF, A. G. Oak Ridge National Laboratory. 2pp. 27450:208.
- 8411080013 Rev 2 to "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures." work plan.
CROFF, A. G., KEMMERS, A. D. Oak Ridge National Laboratory. FIN B-0290. 84/01/25. STARNER, R. J. Geotechnical Branch (Post 831001). 24pp. 27446:316.
- 8411080014 Requests issuance of work request to Engineers Intl for presentation of results of "Assessment of Retrieval Alternatives for Geologic Disposal of Nuclear Waste" at 840112 meeting at Bureau of Mines in Pittsburgh, PA.
TIKTINSKY, D. Engineering Branch (Post 831001). FIN B-7327.
NRC-02-82-031. 84/01/04. FLEENOR, C. Technical Assistance Contracts Branch. 3pp. 27454:361.
- 8411080015 Forwards write-up re definition of conceptual model & draft technical rept re conceptual model for Palo Duro Basin. Comments requested.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/03/14.
COOKE, B. Division of Waste Management. 6pp. 27454:300.
- 8411080019 "Conceptual Geohydrologic Models of Palo Duro Basin." draft technical rept.
* Golder Associates. FIN B-7390. NRC-02-83-034. 84/03/14.
Division of Waste Management. 9pp. 27454:306.
- 8411080016 Twentieth monthly progress rept for Feb 1984.
WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/03/03. GORDON, M. Division of Waste Management. 4pp. 27450:016.
- 8411080017 Summary of 840214 meeting w/DRNL, BNL & Aerospace in Silver Spring, MD re status of FINs B-0288 & A-4165 & review of documents re high level waste package assessment. Meeting notice encl.
* NRC - No Detailed Affiliation Given. FIN B-0288. 84/02/27.
NRC - No Detailed Affiliation Given. 6pp. 27446:340.
- 8411080018 Meeting rept of BWIP 831129-1202 workshop in Richland, WA to discuss BWIP exploratory shaft test plan rept.
* Engineers International, Inc. FIN B-7328. NRC-02-82-030. 83/12/16. NRC - No Detailed Affiliation Given. 9pp. 27450:199.
- 8411080020 Comments on "Draft Staff Technical Rept of Repository Environ Parameters Relevant to Assessing Performance of High Level Waste Packages." progress rept for Jan 1984. Emphasis of document should be changed to highlight listed issues.
CHANG, K. C. Engineering Branch (Post 831001). FIN B-0288. 84/03/15.
CROFF, A. G. Oak Ridge National Laboratory. 10pp. 27454:046.
- 8411080021 Comments on Dec 1983 progress rept re effect of repository environ on performance of waste package/engineered sys components. Progress to date satisfactory. Agenda for 840214 project review meeting encl.
CHANG, K. C. Engineering Branch (Post 831001). FIN B-0288. 84/02/02.
CROFF, A. G. Oak Ridge National Laboratory. 2pp. 27446:346.
- 8411080022 Forwards draft final rept "Evaluation of Engineered Barrier Design & Performance for High Level Nuclear Waste Repository in Bedded Salt." Rept does not reflect data not publicly available in late 1982 or obtained since that time.
PENTZ, D. L. Golder Associates. FIN B-6986. NRC-02-81-027. 84/01/23. PITTIGLIO, C. L. Division of Waste Management. 1p. 27447:047.
- 8411080029 "Evaluation of Engineered Barrier Design & Performance for High Level Nuclear Waste Repository in Bedded Salt." final draft rept, Tasks 3 & 4.
PENTZ, D. L. Golder Associates. KOPLIK, C. M. Analytic Sciences Corp. LESTER, D. H. Science Applications, Inc. NRC-02-81-027. 84/01/31. NRC - No Detailed Affiliation Given. 112pp. 27447:048.
- 8411080023 Submits review of Golder Associates & A Brown repts on Rockwell DC-4/5 vertical hydraulic conductivity test. Repts show that test not conducted properly. Physical design for test inappropriate for purpose intended.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/03/28. GORDON, M. Division of Waste Management. 3pp. 27450:020.
- 8411080024 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components." monthly progress rept for Feb 1984.
CROFF, A. G. Oak Ridge National Laboratory. FIN B-0288. 84/03/07.
CHANG, K. C. Engineering Branch (Post 831001). 3pp. 27446:348.
- 8411080025 "Site Technical Positions for NTS Design Issues." final ltr rept.
RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 83/08/22. SEAMANS, T. High Level Waste Technical Development Branch. 45pp. 27454:056.
- 8411080026 "Reviewing Hydrogeologic Investigations of Bedded & Dome Salt Basins - Project B." rept of 840308-09 meetings w/NRC & Williams & Assoc re conceptual models & analyses for Salt hydrogeology review.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/03/15.
COOKE, B. Division of Waste Management. 6pp. 27454:315.
- 8411080028 Comments on monthly progress rept for "Reviewing Hydrogeologic Investigations of BWIP, Project A." Hydrologic data review & geochemistry workshop trip repts satisfactory.
LOGBDON, M. Geotechnical Branch (Post 831001). FIN B-7372. NRC-02-83-044. 84/02/29. WILLIAMS, R. E. Williams & Associates. 3p. 27450:023.
- 8411080030 Comments on monthly progress rept for Oct 1983 re technical assistance for design reviews. Revised site technical positions, response to DOE comments on NRC position on sealing & trip repts received.
SEAMANS, T. L. Engineering Branch (Post 831001). FIN B-7328. NRC-02-82-030. 83/12/07. RAJARAM, V. Engineers International, Inc. 2pp. 27450:197.
- 8411080031 "Reviewing Hydrogeologic Investigations of Bedded & Dome Salt Basins - Project B." monthly progress rept for Feb 1984.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/03/13. COOKE, B. Division of Waste Management. 4pp. 27454:321.
- 8411080032 Meeting rept of 831004-07 NRC/USGS Geology Workshop in Golden, CO.
RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 83/11/21. SEAMANS, T. Engineering Branch (Post 831001). 6pp. 27454:101.
- 8411080034 Forwards proposed agenda for 831216 kick-off meeting for Salt hydrogeology contracts & DOE guidelines for recommendation of repository sites. w/o agenda.
COOKE, B. Geotechnical Branch (Post 831001). FIN B-7389. NRC-02-83-033. 83/12/13. WINTER, G. Williams & Associates. 2pp. 27450:026.
- 8411080036 "General Guidelines for Recommendation of Sites for Nuclear Waste Repositories."
* Energy Dept. of. 83/11/18. 40pp. 27450:028.
- 8411080035 Comments on monthly rept for Jan 1984. Next rept should address review of potential release/transport processes performed by Golder Eastern Canada. Feb-Jul scheduling changes under review.
COOKE, B. A. Geotechnical Branch (Post 831001). FIN B-7390. NRC-02-83-034. 84/03/07. ROWE, J. Golder Associates. 1p. 27454:325.
- 8411080037 Comments on draft Task 4 rept, "Evaluation of Engineered Barrier Designs & Performance in High Level Waste Repository in Tuff." Use of backfill for defense & commercial glass waste forms deemphasized due to costs.
WICK, E. A. Engineering Branch (Post 831001). FIN B-6986. NRC-02-81-027. 84/01/16. PITTIGLIO, C. L. Repository Projects Branch (Post 831001). 1p. 27447:160.
- 8411080039 "Technical Assistance for Design Reviews." meetings rept of 831025-26 meetings w/DOE & NRC in Columbus, OH.
* Engineers International, Inc. FIN B-7328. NRC-02-82-030. 83/11/30. NRC - No Detailed Affiliation Given. 14pp. 27450:183.
- 8411080040 Confirms 840308-09 meetings for review Salt conceptual models. Attendance of J Rowe, E Poeter & A Brown expected for presentation of alternate conceptual models for Palo Duro Basin. Agenda encl.
COOKE, B. A. Geotechnical Branch (Post 831001). FIN B-7390. NRC-02-83-034. 84/02/29. ROWE, J. Golder Associates. 3pp. 27454:326.
- 8411080041 "Technical Assistance for Design Reviews." monthly progress rept for Oct 1983.
HAMBLEY, D. F., RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 83/11/18. SEAMANS, T. Engineering Branch (Post 831001). 11pp. 27446:155.
- 8411080042 Forwards new addition to single will test document & new table of contents. Addition appears on Page 2 of document.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/03/13. GORDON, M. Division of Waste Management. 17pp. 27450:068.

NONDOCKETED ITEMS

437

8411080044 Summary of 840208 bimonthly meeting w/Bureau of Mines in Silver Spring, MD re Contract NRC-02-80-075.
* NRC - No Detailed Affiliation Given. FIN B-6934. NRC-02-80-075.
84/02/24. NRC - No Detailed Affiliation Given. 2pp. 27450:085.

8411080046 Submits review of Rockwell SD-BWI-TI-136, "Results & Evaluation of Experimental Vertical Hydraulic Conductivity Testing at Boreholes DC-4 & DC-5." Larger scale tests recommended.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044.
84/02/27. GORDON, M. Division of Waste Management. 6pp. 27454:329.

8411080047 Forwards comments re draft Task 4 rept, "Evaluation of Engineered Barrier Designs & Performance for High Level Nuclear Waste Repository in Tuff." Conference rept encl.
PITTILOID, C.L. Repository Projects Branch (Post 831001). FIN B-6986. NRC-02-81-027. 83/12/30. PENTZ, D. Golder Associates. 6pp. 27447:184.

--8411080054 UCRL-89404 R01
Paper entitled, "Selection of Barrier Metals for Waste Package in Tuff", prepared for Matls Research Society
831114-17 meeting in Boston, MA.
RUSSELL, E.W., MCCRIGHT, R.D., O'NEAL, W.C. Lawrence Livermore National Laboratory. 83/09/30. 24pp. 27447:190.

8411080048 Forwards draft site technical positions on facility design, retrievability & design of repository openings.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 83/11/29. SEAMANS, T. Engineering Branch (Post 831001). 33pp. 27450:150.

8411080050 "Assessment of Water Intrusion in Geologic High Level Waste Repositories in Bedded Salt, Dome Salt, Tuff & Basalt," final draft ltr rept.
CUMMINGS, R.A., KENDORSKI, F.S., RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/03/19. TIKTINSKY, D. High Level Waste Technical Development Branch. 73pp. 27446:166.

8411080051 Forwards review of "Methane Gas Production Testing in Vicinity of Candidate Repository Site," "Rept Covering Possibility of Methane Accumulation Under Ref Repository Location Hanford Site" & R King consultant rept.
NICHOLS, H.R. Interior, Dept. of, Bureau of Mines. FIN B-6934. NRC-02-80-075. 84/02/07. GREEVES, J.T. Engineering Branch (Post 831001). 17pp. 27450:087.

8411080053 Comments on monthly progress rept dtd 840104. Review of PNL-3632 re AEGIS technology in Basalt repositories satisfactory. NRC will forward final draft review of exploratory shaft test plan when complete.
LOGSDON, M. Repository Projects Branch (Post 831001). FIN B-7372. NRC-02-82-044. 84/01/24. WILLIAMS, R.E. Williams & Associates. 1p. 27454:335.

8411080055 Submits comments re "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly rept for Oct 1983. Info requested re major findings of meeting w/borehole surveying company & backfill results.
TIKTINSKY, D.H. Engineering Branch (Post 831001). FIN B-6934. NRC-02-80-075. 83/12/21. AMEY, E. Interior, Dept. of, Bureau of Mines. 2pp. 27446:351.

8411080056 Forwards review of DOE 840111 ltr to NRC & annotated copy of "Draft Technical Position on Borehole & Shaft Sealing." Rept completes requirements for Project 26 under Task 6.
GONAND, L.P. Golder Associates. FIN B-6983. 8/84/62. 84/02/20. BUCKLEY, J.T. Division of Waste Management. 41pp. 27450:104.

8411080057 Ltr rept of observations during exam of hydrologic effects of 831028 earthquake near Big Lost River, ID.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/02/23. GORDON, M. Division of Waste Management. 13pp. 27454:336.

8411080058 Forwards working papers re site technical positions for Salt on "Geologic Heterogeneities" & "Stability of Openings." Papers are to be used to develop more refined technical positions.
WILKEY, P.L., KENDORSKI, F.S., RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/02/29. TIKTINSKY, D. Engineering Branch (Post 831001). 1p. 27446:240.

--8411080062 "Site Technical Position: Stability of Openings," working paper.
* Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/02/14. NRC - No Detailed Affiliation Given. 30pp. 27446:241.

--8411080068 "Site Technical Position: Geologic Heterogeneities," working paper.
* Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/02/17. NRC - No Detailed Affiliation Given. 22pp. 27446:271.

8411080059 Comments on Oct 1983 monthly progress rept re lab evaluation of DOE radionuclide solubility data. Studies of neptunium & modeling studies progressing well.
STARMER, R.J. Geotechnical Branch (Post 831001). FIN B-0290. NRC-80-19-03-1. 83/11/30. CROFF, A.G. Oak Ridge National Laboratory. 1p. 27450:147.

8411080060 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," 19th monthly progress rept.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/02/09. GORDON, M. Division of Waste Management. 7pp. 27454:349.

8411080061 Forwards marked-up abstract, introduction & executive summary of Task 1 final rept, "Assessment of Retrieval Alternatives for Geologic Disposal of Nuclear Waste," for review & incorporation into final rept. Ack of receipt requested.
GUSTAVE, R.P. Technical Assistance Contracts Branch. FIN B-7327. NRC-02-82-031. 84/01/27. KENDORSKI, F.S. Engineers International, Inc. 30pp. 27446:353.

8411080063 "Assessment of Waste Retrieval Alternatives," Task 2, Work Request & rept of 831208 meeting.
HAMBLEY, D.F. Engineers International, Inc. FIN B-7327. 1077-56. 84/01/27. TIKTINSKY, D. Engineering Branch (Post 831001). 4pp. 27454:356.

8411080064 Submits comments on Nov 1983 progress rept. Status of Assigned Projects 1-26 described.
BUCKLEY, J.T. Engineering Branch (Post 831001). FIN B-6983. NRC-02-81-037. 83/01/17. GONAND, L. Golder Associates. 2pp. 27450:145.

8411080065 Forwards repts on methane gas production testing in vicinity of candidate repository site & possibility of methane accumulation for review re methane hazard. Review requested by 840210.
TIKTINSKY, D.H. Engineering Branch (Post 831001). FIN B-6934. NRC-02-80-075. 84/01/10. AMEY, E. Interior, Dept. of, Bureau of Mines. 7pp. 27447:023.

--8411080070 "Rept Covering Possibility of Methane Accumulation Under Ref Repository Location Hanford Site."
DUCHSCHERER, W. Affiliation Not Assigned. FIN B-6934. 82/08/31. 17pp. 27447:030.

8411080066 Comments on Nov 1983 monthly progress rept re lab evaluation of DOE radionuclide solubility data. Progress to date satisfactory.
STARMER, R.J. Geotechnical Branch (Post 831001). FIN B-0290. NRC-80-19-03-1. 83/12/28. CROFF, A.G. Oak Ridge National Laboratory. 2pp. 27450:148.

8411080067 Requests attendance at 831215 meeting of Nevada Nuclear Waste Site Investigation hydrogeology team in Silver Spring, MD to discuss site characterization rept.
POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7378. NRC-02-82-047. 83/12/15. ROSS, B.I. Geotrans, Inc. 1p. 27452:355.

8411080069 Submits comments re NRC Contract NRC-02-81-027, "Performance of Engineered Barriers in Geologic Repository," progress rept for Oct 1983. Draft Final Task 5 rept undergoing rev to follow approach re waste package reliability.
PITTILOID, C.L. Repository Projects Branch (Post 831001). FIN B-6986. NRC-02-81-027. 83/12/13. PENTZ, D. Golder Associates. 2pp. 27447:214.

8411080071 Submits comments on Dec 1983 progress rept. Status of Assigned Projects 1-26 described.
BUCKLEY, J.T. Engineering Branch (Post 831001). FIN B-6983. NRC-02-81-037. 84/02/15. GONAND, L. Golder Associates. 2pp. 27454:222.

8411080072 Submits trip rept of 840209 Unsaturated Rock/Contamination Transport Workshop in Oracle, AZ. Agenda & attendees list encl.
MIFFLIN, M.D. Williams & Associates. FIN B-7377. NRC-02082-046. 84/02/01. POHLE, J. Division of Waste Management. 10pp. 27452:357.

8411080073 "Assessment of Waste Retrieval Alternatives," monthly progress rept for Jan 1984.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 84/02/27. TIKTINSKY, D. Engineering Branch (Post 831001). 4pp. 27456:029.

NONDOCKETED ITEMS

- 8411080075 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project D." monthly progress Ltr Rept 36 for Nov 1983.
ROSS, B. Geotrans, Inc. FIN B-7378. NRC-02-82-047. 83/12/09. 2pp. 27453:005.
- 8411080077 Forwards project proposal for use of Bureau-developed technology to clean air of radioactive aerosols in ventilation sys of underground nuclear waste disposal facility. Funding requested under account Number 7134.
AMEY, E. B. Interior, Dept. of, Bureau of Mines. FIN B-6934. NRC-02-80-075. 84/02/21. TIKTINSKY, D. H. Division of Waste Management. 14pp. 27451:189.
- 8411080078 Submits comments on monthly rept for Dec 1983. Costs for environ assessment review should be listed under Tasks 1.2 & 3. USOS ltr rept & review of computer modeling results encl. W/o encls.
COOKE, B. A. Geotechnical Branch (Post 831001). FIN B-7390. NRC-02-83-034. 84/02/08. ROWE, J. Golder Associates. 2pp. 27454:224.
- 8411080080 "Technical Assistance for Design Reviews," meeting rept for 840110-11 meetings in Silver Spring, MD.
* Engineers International, Inc. FIN B-7372. NRC-02-82-044. 84/02/10. SEAMANS, T. High Level Waste Technical Development Branch. 4pp. 27454:136.
- 8411080081 "State-of-the-Art Assessment for Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly progress rept for Oct 1983.
AMEY, E. B. THIMONS, E. D. Interior, Dept. of, Bureau of Mines. FIN B-6934. NRC-02-80-075. 83/11/29. FLEENOR, C. Technical Assistance Contracts Branch. 5pp. 27455:308.
- 8411080082 Discusses earth sciences data base prepared under Contract NRC-02-81-026. Work would be done to complete data base. List of parameters currently found in data base for BWIP site encl.
BUCKLEY, J. T. Engineering Branch (Post 831001). FIN B-6985. NRC-02-81-026. 83/12/07. GREEVES, J. T. Engineering Branch (Post 831001). 13pp. 27454:123.
- 8411080083 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C." monthly progress rept for Dec 1983.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 84/01/04. POHLE, J. Division of Waste Management. 3pp. 27453:007.
- 8411080085 Submits comments on monthly rept for Nov 1983. Mods to statement of work discussed. Preliminary draft of "Std Review Plan for Draft Environ Assessments" encl.
COOKE, B. A. Geotechnical Branch (Post 831001). FIN B-7390. NRC-02-83-034. 84/01/13. ROWE, J. Golder Associates. 28pp. 27454:226.
- 8411080086 "Technical Assistance for Assessment of Repository Siting & Design," quarterly progress rept for Oct-Dec 1983.
AMEY, E. B. Interior, Dept. of, Bureau of Mines. FIN B-6934. NRC-02-80-075. 84/01/24. FLEENOR, C. Technical Assistance Contracts Branch. 4pp. 27451:203.
- 8411080087 Trip rept of 831128 meeting w/NRC in Seattle, WA & 831129-1202 DOE/NRC BWIP Workshop in Richland, WA. Amended comments on exploratory shaft test plan encl.
WINTER, G. V. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/12/13. Division of Waste Management. 29pp. 27453:095.
- 8411080088 Forwards marked-up Task Order 007 rept. "Draft Exploratory Shaft Test Plan for BWIP." Final rept requested by 840309.
SEAMANS, T. L. Engineering Branch (Post 831001). FIN B-7328. NRC-02-82-030. 84/02/10. RAJARAM, V. Engineers International, Inc. 20pp. 27454:140.
- 8411080089 Ack receipt of Nov 1983 monthly progress rept. Progress to date satisfactory. Attendance at Univ of Arizona 840110-12 Workshop on Unsaturated Fractured Rock requested.
POHLE, J. A. Geotechnical Branch (Post 831001). FIN B-7378. NRC-02-82-047. 83/12/21. ROSS, B. I. Geotrans, Inc. 1p. 27453:361.
- 8411080090 "State-of-the-Art Assessment for Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly progress rept for Nov 1983.
AMEY, E. B. Interior, Dept. of, Bureau of Mines. FIN B-6934. NRC-02-80-075. 84/01/06. FLEENOR, C. Technical Assistance Contracts Branch. 3pp. 27453:313.
- 8411080092 Summarizes 831215-16 Salt hydrogeology kick-off meeting in Silver Spring, MD. A Brown meeting notes encl.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 83/12/30. COOKE, B. Division of Waste Management. 14pp. 27454:254.
- 8411080093 "Benchmarking of Computer Codes & Licensing Assistance," monthly ltr progress rept for Nov 1983.
VOGT, D. K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/12/16. FEHRINGER, D. Division of Waste Management. 11pp. 27454:112.
- 8411080094 "Technical Assistance for Design Reviews," monthly progress rept for Jan 1984.
RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-044. 84/02/17. SEAMANS, T. Engineering Branch (Post 831001). 11pp. 27454:160.
- 8411080095 Forwards Vol 7 of NUREG/CR-2482, "Review of DOE Waste Package Program Subtask 1.1-Natal Waste Package Program; Draft Biannual Rept."
SOD, P. Brookhaven National Laboratory. FIN A-3164. 1482. 84/09/11. WICK, E. A. High Level Waste Licensing Management Branch. 86pp. 27451:207.
- 8411080096 Comments on Nov 1983 monthly rept. MJ Gordon replaced MJ Logsdon as project officer on 831201. Revised Tables 1 & 2 for Nov 1983 rept requested.
LOGSDON, M. J. Repository Projects Branch (Post 831001). FIN B-7372. NRC-02-82-044. 83/12/23. WILLIAMS, R. Williams & Associates. 2pp. 27453:124.
- 8411080097 Forwards agenda for 831216 kick-off meeting re Salt hydrogeology contracts. Meeting will focus on contract details & environ assessment review activities. DOE guidelines also encl. W/o encls.
COOKE, B. Geotechnical Branch (Post 831001). FIN B-7390. NRC-02-83-034. 83/12/13. ROWE, J. Golder Associates. 2pp. 27454:268.
- 8411080099 Ack receipt of Nov 1983 monthly progress rept. Progress to date satisfactory. Attendance at 840110-12 Workshop on Unsaturated Fractured Rock at Oracle, AZ requested.
POHLE, J. A. Geotechnical Branch (Post 831001). FIN B-7377. NRC-02-82-046. 84/01/04. WILLIAMS, R. E. Williams & Associates. 1p. 27453:010.
- 8411080100 "NRC/Salt Hydrogeology," monthly progress rept for Nov 1983.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 83/12/13. COOKE, B. Division of Waste Management. 29pp. 27454:270.
- 8411080101 "Reviewing Hydrogeologic Investigations of Nevada Test Site - Project C," monthly progress rept for Jan 1984.
WILLIAMS, R. E. Williams & Associates. FIN B-7377. NRC-02-82-046. 84/02/09. POHLE, J. Division of Waste Management. 4pp. 27453:239.
- 8411080103 "Benchmarking of Computer Codes & Licensing Assistance," ltr rept on code selection for waste package codes.
VOGT, D. K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/12/14. FEHRINGER, D. Division of Waste Management. 3pp. 27454:109.
- 8411080104 "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly progress rept for Feb 1984.
AMEY, E. B. Interior, Dept. of, Bureau of Mines. FIN B-6934. 1018. 84/03/20. FLEENOR, C. Technical Assistance Contracts Branch. 4pp. 27451:289.
- 8411080105 Comments on Nov 1983 monthly progress rept. Trip repts for Work Requests 5 & 6 due. Work accomplished to date acceptable.
TIKTINSKY, D. Engineering Branch (Post 831001). FIN B-7327. NRC-02-82-031. 84/01/18. KENDORSKI, F. S. Engineers International, Inc. 1p. 27454:299.
- 8411080106 "Task Order 005 Final Ltr Rept on Document Reviews."
WILKEY, P. L., KENDORSKI, F. S., RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/02/10. SEAMANS, T. Engineering Branch (Post 831001). 51pp. 27454:171.
- 8411080107 Forwards marked-up comments on Task 4 draft rept. "Evaluation of Engineered Barrier Design & Performance for High Level Nuclear Waste Repository in Tuff." Geotechnical Branch should review statements re hydrology.
GREEVES, J. T. Engineering Branch (Post 831001). FIN B-6986. NRC-02-81-027. 83/12/28. MILLER, H. J. Repository Projects Branch (Post 831001). 14pp. 27456:033.
- 8411080109 Submits trip rept for 831215 meeting in Silver Spring, MD re environ assessment for Yucca Mountain. Draft status rept on Nevada Nuclear Waste Site Investigations hydrogeologic investigations encl.
HIFLIN, M. Williams & Associates. FIN B-7377. NRC-02-82-046. 84/02/27. POHLE, J. Division of Waste Management. 1p. 27453:243.
- 8411080123 "Nevada Nuclear Waste Site Investigations Hydrogeologic Investigations," draft status rept.
* Williams & Associates. FIN B-7377. NRC-02-82-046. 84/02/29. NRC - No Detailed Affiliation Given. 51pp. 27453:244.

NONDOCKETED ITEMS

439

- 8411080112 Comments on outline for waste package code benchmark rept in response to 831206 memo. Selection of benchmark problems should be based on listed criteria. Work on BARRIER should be eliminated.
GREEVES, J. T. Engineering Branch (Post 831001). FIN B-6985. 83/12/27. FEHRINGER, D. J. Repository Projects Branch (Post 831001). 2pp. 27454:107.
- 8411080113 "Oxygen Production in Basalt Groundwaters From Decay of Dissolved U." CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287. 84/03/08. COOK, F. R. NRC - No Detailed Affiliation Given. 10pp. 27452:085.
- 8411080114 Requests attendance at BWIP data collection visit beginning on 840109. Outline of BWIP hydrogeology team responsibilities for CY84 encl. LOGSDON, M. Repository Projects Branch (Post 831001). FIN B-7372. NRC-02-82-044. 83/12/23. WILLIAMS, R. E. Williams & Associates. 5pp. 27455:126.
- 8411080115 Forwards draft NUREG/CR-3091, "Review of Waste Package Verification Tests, Biannual Rept." SOD, P. Brookhaven National Laboratory. FIN A-3167. 1483. 84/09/05. WICK, E. A. High Level Waste Licensing Management Branch. 33pp. 27451:294.
- 8411080117 Forwards Jan 1984 monthly repts for FIN A-3164, "Review of DOE Waste Package Program" & FIN A-3167, "Waste Package Verification Tests." KATO, W. Y. Brookhaven National Laboratory. FIN A-3164. 84/02/16. WICK, E. A. High Level Waste Licensing Management Branch. 3pp. 27455:318.
- 8411080124 "Review of DOE Waste Package Program," monthly ltr rept for Jan 1984. KATO, W. Y. Brookhaven National Laboratory. FIN A-3164. 84/02/29. NRC - No Detailed Affiliation Given. 26pp. 27455:321.
- 8411080132 "Review of Waste Package Verification Test," monthly ltr rept for Jan 1984. SOD, P., DAVIS, M. S. Brookhaven National Laboratory. FIN A-3167. 84/02/29. NRC - No Detailed Affiliation Given. 13pp. 27455:347.
- 8411080118 "Assessment of Effectiveness of Geologic Isolation Sys," review rept. WINTER, G. V. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/12/23. LOGSDON, M. Division of Waste Management. 21pp. 27455:131.
- 8411080120 Forwards draft final rept. "Evaluation of Engineered Barrier Design & Performance for High Level Nuclear Waste Repository in Tuff." PENTZ, D. L. Golder Associates. FIN B-6986. NRC-02-81-027. 83/11/16. PITTLIGLIO, C. L. Division of Waste Management. 1p. 27456:047.
- 8411080134 "Evaluation of Engineered Barrier Designs & Performance for High Level Nuclear Waste Repository in Tuff," draft rept, Task 4. PENTZ, D. L. Golder Associates. KOPLIK, C. M. Affiliation Not Assigned. LESTER, D. H. Science Applications, Inc. FIN B-6986. NRC-02-81-027. 83/11/30. NRC - No Detailed Affiliation Given. 85pp. 27456:048.
- 8411080121 Forwards package sent to invitees to Workshop on Application of Geochemical mode 1s to High-Level Waste Repository assessment. G Jacobs rept of 840607 trip to NRC for weekly site mgt seminar also encl. WHATLEY, S. K. Oak Ridge National Laboratory. FIN B-0287. 1276. 84/06/18. BROOKS, D. J. Geotechnical Branch (Post 831001). 63pp. 27452:017.
- 8411080125 Comments on "Analysis of Two-Well Tracer Tests W/Pulse Input." Method should be useful for BWIP hydrogeology characterization. Need for precise aquifer thickness measurements emphasized. WINTER, G. V. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/12/29. LOGSDON, M. Division of Waste Management. 3pp. 27455:151.
- 8411080129 RHO-BW-CR-131 P "Analysis of Two-Well Tracer Tests W/Pulse Input." * Rockwell International Corp. FIN B-7372. 82/04/30. 108pp. 27455:154.
- 8411080126 "NRC/Salt Hydrogeology," monthly progress rept Ltr 26 for May 1984. POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/06/04. COOKE, B. Division of Waste Management. 3pp. 27452:014.
- 8411080128 Forwards Ltr Rept LR 4.2-6. "Matrix Diffusion of Radionuclides: Limitations of Available Data (NNWSI/NTS)" & draft of supporting review, "Matrix Diffusion in Rock/Groundwater Sys (DRNL/TM-9155)." Review requested. WHATLEY, S. K. Oak Ridge National Laboratory. FIN B-0287. 1027. 84/03/28. BROOKS, D. J. Geotechnical Branch (Post 831001). 1p. 27455:002.
- 8411080137 "Matrix Diffusion of Radionuclides: Limitations of Available Data (NNWSI/NTS)," Ltr Rept 4.2-6. BLENCOE, J. G., GRISAK, G. E. Oak Ridge National Laboratory. FIN B-0287. LR 4.2-6. 84/03/28. NRC - No Detailed Affiliation Given. 3pp. 27455:003.
- 8411080171 Draft "Topical Review: Matrix Diffusion of Radionuclides in Rock/Groundwater Sys." BLENCOE, J. G., GRISAK, G. E. Oak Ridge National Laboratory. FIN B-0287. DRNL/TM-9155. 84/02/29. Division of Fuel Cycle & Material Safety. 89pp. 27455:006.
- 8411080133 Ack receipt of Nov 1983 progress rept. SWIFT II & In Situ Testing Workshop repts & review of RHO-BW-CR-140-P-DRAFT (PORSTAT). Meeting repts satisfactory. LOGSDON, M. Repository Projects Branch (Post 831001). FIN B-7373. NRC-02-82-045. 84/01/04. ROWE, J. Golder Associates. 1p. 27453:347.
- 8411080135 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," monthly progress rept for Dec 1983. WILLIAMS, R. E. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/01/04. GORDON, M. Division of Waste Management. 6pp. 27455:262.
- 8411080141 "Reviewing Hydrogeologic Investigations of BWIP, Project B," monthly progress Ltr Rept 66 for Dec 1983. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/01/17. GORDON, M. Division of Waste Management. 4pp. 27453:348.
- 8411080143 Draft trip rept of 831215 document review meeting & 831216 kick-off meeting w/NRC in Silver Spring, MD. WINTER, G. Williams & Associates. FIN B-7389. NRC-02-83-033. 83/12/22. COOKE, B. Division of Waste Management. 5pp. 27455:268.
- 8411080145 Advises that quarterly rept for Third Quarter 1983 unacceptable. Rept fails to describe work done & expenditures during reporting period. Revised quarterly rept requested. TIKINSKY, D. H. Engineering Branch (Post 831001). FIN B-6934. 83/12/29. AMEY, E. Interior, Dept. of, Bureau of Mines. 1p. 27455:360.
- 8411080147 "Benchmarking of Computer Codes & Licensing Assistance," monthly ltr progress rept for Jan 1984. VOGT, D. K. CorStar Research, Inc. FIN B-6985. NRC-02-81-026. 84/02/15. FEHRINGER, D. Division of Waste Management. 15pp. 27456:134.
- 8411080148 Forwards "Site Technical Positions for Geologic Repository in Palo Duro Basin," per 840404 telcon. Table which led to development of issue list & revised second draft of issue list also encl. Comments requested by 840514. POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/04/27. COOKE, B. Division of Waste Management. 11pp. 27451:339.
- 8411080159 "Site Technical Positions for Geologic Repository in Palo Duro Basin." * Golder Associates. FIN B-7390. NRC-02-83-034. 84/04/27. NRC - No Detailed Affiliation Given. 31pp. 27451:349.
- 8411080150 Comments on draft DRNL rept. "Matrix Diffusion of Radionuclides in Rock/Groundwater Sys." Sections 4.1 & 4.2 should be expanded to provide useful support document for developing site technical position. GORDON, M. Geotechnical Branch (Post 831001). FIN B-0287. 1281. 84/06/07. BROOKS, D. Geotechnical Branch (Post 831001). 5pp. 27486:188.
- 8411080152 "Reviewing Hydrogeologic Investigations of BWIP, Project B," monthly progress Ltr Rept 65 for Nov 1983. ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 83/12/14. GORDON, M. Division of Waste Management. 4pp. 27453:352.
- 8411080154 Comments on "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Jan 1984. Progress satisfactory. STARMER, J. R. Geotechnical Branch (Post 831001). FIN B-0290. 84/03/12. CROFF, A. G. Oak Ridge National Laboratory. 2pp. 27455:273.

NONDOCKETED ITEMS

- 8411080155 "Technical Assistance for Assessment of Repository Siting & Design," review of draft NRC technical position on waste package reliability.
NICHOLLS, H.R. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 84/01/07. GREEVES, J. Engineering Branch (Post 831001). 6pp. 27451:326.
- 8411080156 Forwards comments on draft ORNL rept, "Determination of Metabolic Data for High Level Waste Dosimetry." Rept presents comprehensive literature survey of geochemical behavior & mammalian metabolism of transuranics & strontium.
PETERSON, H.T. Health Effects Branch. FIN B-0289. 83/11/30.
FEHRINGER, D.J. Repository Projects Branch (Post 831001). 11pp. 27456:001.
- 8411080198 Draft "Parameters & Variables Appearing in Computer Codes for Waste Package Analysis."
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026.
84/03/08. FEHRINGER, D. Division of Waste Management. 225pp. 27450:210.
- 8411080162 "Draft Analysis of Conservatism of Radionuclide Info Measured by Batch Contact Sorption/Apparent Concentration Limit Isotherms." Ltr Rept L-290-3.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0290. L-290-3. 84/02/10. STARMER, R.J. Geotechnical Branch (Post 831001). 17pp. 27455:275.
- 8411080165 "Survey of Metabolic Data Appropriate for High Level Waste Dosimetry (ICRP-3)." monthly ltr rept for Nov 1983.
ECKERMANN, K.F. Oak Ridge National Laboratory. FIN B-0289. 83/12/15.
FEHRINGER, D.J. Office of Nuclear Material Safety & Safeguards, Director. 4pp. 27456:012.
- 8411080166 Submits trip rept of 840109-12 NRC/DOE Geochemistry Workshop in Richland, WA. Presentations re groundwater sampling/analysis, evaluation of borehole development & hydrochemical character of groundwater described. A Brown rept encl.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/01/25.
GORDON, M. Division of Waste Management. 8pp. 27453:356.
- 8411080169 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Feb 1984.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 84/03/12.
STARMER, R.J. Geotechnical Branch (Post 831001). 12pp. 27455:291.
- 8411080172 Comments on monthly progress rept for May 1984 re Contract NRC-02-83-034. Ltr 11 containing issues list for Palo Duro Basin effective portrayal of tracing issue development from 10CFR60 to necessary parameters & conditions.
COOKE, B.A. Geotechnical Branch (Post 831001). FIN B-7390. NRC-02-83-034. 84/08/30. ROWE, J. Golder Associates. 1p. 27451:338.
- 8411080174 "Technical Assistance for Assessment of Repository Siting & Design," rept of 840112 meeting in Pittsburgh, PA to discuss status of project, "State-of-the-Art Assessment of Large Diameter Nuclear Waste Emplacement Holes."
NICHOLLS, H.R. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 84/02/07. GREEVES, J. NRC - No Detailed Affiliation Given. 6pp. 27451:332.
- 8411080175 Review of SD-BWI-TP-007, "Rockwell-BWIP, Vols I & II, Exploratory Shaft Test Plan."
HOLLUP, E.E. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 83/12/06. GREEVES, J. Engineering Branch (Post 831001). 13pp. 27456:016.
- 8411080179 "Technical Assistance in Seismo-Tectonic Impacts in Repositories," Monthly Mgt Ltr 10 for Jan 1984.
CHUNG, D.H., SMITH, P.D. Lawrence Livermore National Laboratory. FIN A-0294. E0-84-012. 84/02/22. WESTBROOK, K. Geotechnical Branch (Post 831001). 5pp. 27455:303.
- 8411080182 "Assessment of Retrieval Alternatives for Geologic Disposal of Nuclear Waste."
NICHOLLS, H.R. Interior, Dept. of, Bureau of Mines. FIN B-6934.
NRC-02-80-075. 84/01/27. GREEVES, J. NRC - No Detailed Affiliation Given. 4pp. 27454:042.
- 8411080183 Comments on May 1984 monthly progress rept. Tasks 1-5 progressing satisfactorily. Draft environ assessments should be reviewed for relevance to geochemistry & identification of documents that NRC should obtain.
BROOKS, D.J. Geotechnical Branch (Post 831001). FIN B-0287. 1315. 84/06/28. WHATLEY, S.K. Oak Ridge National Laboratory. 3pp. 27486:185.
- 8411080184 Comments on 840419 ltr re directions for producing data needs assessment (DNA) documents & technical review of preliminary example of DNA model. Suggestions re format acceptable.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/02.
COOKE, B. Division of Waste Management. 7pp. 27482:273.
- 8411080186 "Assessment of Waste Retrieval Alternatives," progress rept for Dec 1983.
KENDORSKI, F.S. Engineers International, Inc. FIN B-7327.
NRC-02-82-031. 84/01/26. TIKTINSKI, D. Engineering Branch (Post 831001). 4pp. 27454:001.
- 8411080189 Comments on Tasks 3 & 4 draft final rept, "Performance of Engineered Barriers in Geologic Repository." Rept uneven in form & content & does not make full use of Nevada Nuclear Waste Storage Investigations info.
STARMER, R.J. Geotechnical Branch (Post 831001). FIN B-6986.
NRC-02-81-027. 83/12/22. PITTIOLIO, C.L. Repository Projects Branch (Post 831001). 2pp. 27451:142.
- 8411080190 Requests attendance at 840313-15 BWIP Geology Workshop in Richland, WA. Authority for attendance described in Task 1, Subtask 1.1 of statement of work for FIN B-0294.
WESTBROOK, K.B. Geotechnical Branch (Post 831001). FIN B-0294. WM-83856. 84/03/09. CHUNG, D. Lawrence Livermore National Laboratory. 1p. 27451:105.
- 8411080192 Comments on BNL Dec 1983 progress ltr for "Review of Waste Package Verification Tests." Analysis of differences in concentrations of dissolved oxygen, chlorine, iron & sulfur dioxide near heater & autoclave wall requested.
WICK, E.A. Engineering Branch (Post 831001). FIN A-3167. 84/02/06.
SOD, P. Brookhaven National Laboratory. 2pp. 27451:099.
- 8411080194 "Geological Stability Issues for BWIP," site technical position.
CHUNG, D.H. Lawrence Livermore National Laboratory. FIN A-0294.
E0-84-015/LMN. 84/02/28. WESTBROOK, K. Geotechnical Branch (Post 831001). 31pp. 27451:106.
- 8411080197 Forwards draft rept, "Determination of Waste Package Environ for Basalt Repository: Phase I - Gamma Irradiation Conditions in Absence of Methane."
GAUSE, E.P. Brookhaven National Laboratory. FIN A-3167. 84/02/10.
WICK, E.A. High Level Waste Licensing Management Branch. 1p. 27451:144.
- 8411080206 BNL-NUREG-24297
"Determination of Waste Package Environ for Basalt Repository: Phase I - Gamma Irradiation Conditions in Absence of Methane." draft rept.
GAUSE, E.P., BREWSTER, C., SOD, P. Brookhaven National Laboratory. FIN A-3167. 82/02/28. NRC - No Detailed Affiliation Given. 45pp. 27451:145.
- 8411080201 Requests attendance at 831208 meeting w/NRC & Engineers Intl (EI) in Silver Spring, MD to hear EI presentation entitled "Assessment of Retrieval Alternatives for Geologic Disposal of Nuclear Waste." Meeting notice encl.
GUSTAVE, R.P. Technical Assistance Contracts Branch. FIN B-6983.
NRC-02-81-037. 83/12/06. GATES, R. Golder Associates. 3pp. 27451:137.
- 8411080202 Summarizes 840112 meeting w/Bureau of Mines & Engineers Intl in Bruceton, PA re status of project "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes."
* NRC - No Detailed Affiliation Given. FIN B-6934. NRC-02-80-075. 84/01/26. NRC - No Detailed Affiliation Given. 4pp. 27451:101.
- 8411080205 Forwards "Preliminary Site Technical Positions for Geologic Repository in Paradox Basin," per 840414 telcon. Table which led to development of issue list & revised second draft of issue list encl.
POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/11.
COOKE, B. Division of Waste Management. 9pp. 27482:109.
- 8411080219 "Site Technical Positions for Geologic Repository in Paradox Basin."
* Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/11.
NRC - No Detailed Affiliation Given. 24pp. 27482:118.
- 8411080208 Forwards Ltr Rept LR 2.1, "Review & Analysis of Nevada Nuclear Waste Site Investigations Sorption Info" & rev to ORNL/TM-9224, "Review & Assessment of Sorption Info for High Level Waste Repository Site in Yucca Mountain, NV."
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 1218. 84/05/22. BROOKS, D.J. Geotechnical Branch (Post 831001). 1p. 27482:142.

NONDOCKETED ITEMS

441

--B411080223 "Review & Analysis of Nevada Nuclear Waste Storage Investigations Sorption Info." Ltr Rept LR 2.1. KEMMERS, A.D. Oak Ridge National Laboratory. FIN B-0287. LR 2.1. 84/05/22. NRC - No Detailed Affiliation Given. 34pp. 27482:143.

--B411080250 Revised "Review & Assessment of Radionuclide Sorption Info for High Level Nuclear Waste Repository Site in Yucca Mountain, NV," draft rept. KEMMERS, A.D. Oak Ridge National Laboratory. FIN B-0287. 1218. 84/05/31. Division of Fuel Cycle & Material Safety. 47pp. 27482:177.

B411080209 Comments on B40113 Monthly Mgt Ltr 9 for FIN A-0294. Progress to date satisfactory. WESTBROOK, K.B. Geotechnical Branch (Post 831001). FIN A-0294. WM-B4109. 84/02/15. CHUNG, D. Lawrence Livermore National Laboratory. 2pp. 27451:140.

B411080212 "Technical Assistance for Assessment of Repository Siting & Design," quarterly progress rept for Jul-Sept 1983. AMEY, E.B. Interior, Dept. of, Bureau of Mines. B-6934. NRC-02-80-075. 83/11/29. FLEENOR, C. Technical Assistance Contracts Branch. 3pp. 27452:336.

B411080214 Forwards comments on final draft of performance of engineered barriers in Salt repository. BAIER Code deficient & essentially abandoned in favor of WAPPA. WICK, E.A. Engineering Branch (Post 831001). FIN B-6986. 84/03/07. PITTLID, C.L. Repository Projects Branch (Post 831001). 5pp. 27452:163.

B411080220 Forwards review of draft Tasks 3 & 4 rept, "Evaluation of Engineered Barrier Designs & Performance in High Level Waste Repository in Bedded Salt." Matls engineering review still in progress. GREEVES, J.T. Engineering Branch (Post 831001). FIN B-6986. NRC-02-81-027. 84/03/05. PITTLID, C.L. Repository Projects Branch (Post 831001). 2pp. 27452:170.

B411080226 Advises that draft issues site technical positions for Paradox Basin & interior gulf coast domes (Subtasks 2.4 & 3.4) found satisfactory, per May 1984 monthly rept. COOKE, B.A. Geotechnical Branch (Post 831001). FIN B-7390. NRC-02-83-034. 84/06/27. ROWE, J. Golder Associates. 1p. 27481:348.

B411080227 Forwards marked-up "Influence of Failed Rock Properties on Tunnel Stability" & "Use of Borehole Breakouts in Study of Crystal Stress" to illustrate use of "spalling." Term refers to clearly visible major shear fractures. * Arizona, Univ. of, Tucson, AZ. FIN B-6983. NRC-02-81-037. 84/02/07. NRC - No Detailed Affiliation Given. 52pp. 27452:172.

B411080228 "Assessment of Waste Retrieval Alternatives," progress rept for Nov 1983. KENDORSKI, F.S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 84/01/26. TIKTINSKY, D. High Level Waste Technical Development Branch. 2pp. 27454:005.

B411080233 Submits comments re "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly rept for Nov 1983. Questions re backfill composition mixture & feasibility of boring emplacement holes. TIKTINSKY, D.H. Engineering Branch (Post 831001). FIN B-6934. NRC-02-80-075. 84/01/25. AMEY, E. Interior, Dept. of, Bureau of Mines. 2pp. 27452:339.

B411080234 Forwards agenda for data orientation B40514-18 visit w/ ONWI & DOE. Detailed agenda provided to indicate nature of questions to be asked. ONWI agreed to bring representative from each subcontractor to meeting. COOK, B. Geotechnical Branch (Post 831001). FIN B-7390. 1308. 84/04/20. WILLIAMS, R.E. Williams & Associates. 8pp. 27482:101.

B411080236 "NRC/Salt Hydrogeology," monthly progress rept Ltr 21 for Apr 1984. POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/14. COOKE, B. Division of Waste Management. 3pp. 27481:349.

B411080237 Trip rept of B40308-Q9 meeting w/NRC & Golder Assoc in Silver Spring, MD re conceptual models & data review for Palo Duro & Paradox Basins. WINTER, G.V. Williams & Associates. FIN B-7389. NRC-02-83-033. 84/03/13. COOKE, B. Division of Waste Management. 6pp. 27452:224.

B411080239 Submits draft review of "BWIP Exploratory Shaft Test Plan," Vol I re exploratory test program & Vol II re preliminary test descriptions. WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 83/11/18. LOGSDON, M. Division of Waste Management. 26pp. 27454:009.

B411080242 Comments on issues re Palo Duro, Paradox & Gulf Salt Dome repositories. Lists of revised issues encl. Comments on revs to issues requested. WINTER, G. Williams & Associates. FIN B-7389. NRC-02-83-033. 84/01/06. COOKE, B. Division of Waste Management. 12pp. 27452:232.

B411080244 Summarizes B40514-18 meeting (ONWI Hydrology Data Review) in Columbus, OH re Salt repository work conducted by DOE & ONWI contractors & status of published & unpublished data relevant to Salt project. ROWE, J. Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/25. COOKE, B. Division of Waste Management. 29pp. 27481:352.

B411080246 Trip repts of 831129-1202 BWIP/NRC Workshop on Underground Test Plan in Richland, WA. GONAND, L.P. Golder Associates. FIN B-6983. NRC-02-81-037. 83/12/20. 29pp. 27452:244.

B411080247 Submits comments re "Repository Horizon Identification Rept." Rept implies lack of serious differences in internal geology & geohydrology & lack of borehole data for selected candidate horizons. * Army, Dept. of, Corps of Engineers. FIN B-6935. NRC-02-81-036. 84/03/16. Division of Waste Management. 9pp. 27452:347.

B411080248 Forwards ORNL ltr rept briefly outlining results, problems encountered & suggesting areas needing research re technetium chemistry. Work should be done to identify solution complexes & species expected. STARNER, R.J. Geotechnical Branch (Post 831001). FIN B-0290. 1341. 84/07/03. BIRCHARD, G.F. Waste Management Branch. 1p. 27482:096.

--B411080259 "Need for Research to Develop Addl Chemical Info on Reduced Technetium Species & Compounds," ltr rept. KEMMERS, A.D., MEYER, R.E. Oak Ridge National Laboratory. FIN B-0290. 83/12/19. NRC - No Detailed Affiliation Given. 4pp. 27482:097.

B411080251 Forwards revised outline for waste package code benchmark problem rept. Problems that can be used to estimate overall performance of waste package, measured by package life, failure or release rates not included. VOGT, D.K. Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/12/05. FEHRINGER, D. Division of Waste Management. 8pp. 27452:126.

B411080252 Forwards data needs assessment documents for Model Aia, "Resaturation by Vertical Porous Media Flow Through Unflawed Geology." Remaining requests will be arriving shortly. POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/05/30. COOKE, B. Division of Waste Management. 20pp. 27482:019.

B411080254 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Jan 1984. CROFF, A.G. Oak Ridge National Laboratory. FIN B-0290. 84/02/10. STARNER, R.J. Geotechnical Branch (Post 831001). 8pp. 27452:307.

B411080256 Requests attendance at 831129-1202 NRC/DOE BWIP Workshop in Richland, WA & 831128 preworkshop meeting w/NRC in Seattle, WA. LOGSDON, M.J. Repository Projects Branch (Post 831001). FIN B-7372. NRC-02-82-044. 83/11/25. WILLIAMS, R. Williams & Associates. 2pp. 27454:035.

B411080257 "State-of-the-Art Assessment for Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly progress rept for Dec 1983. AMEY, E.B. Interior, Dept. of, Bureau of Mines. FIN B-6934. NRC-02-80-075. 84/01/24. FLEENOR, C. Technical Assistance Contracts Branch. 5pp. 27452:350.

B411080262 Forwards June 1984 progress rept for "Technical Assistance in Geochemistry," draft list of workshop issues & photo-ready mats of NUREG/CR-3763. W/o NUREG. WHITLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 1347. 84/07/09. BROOKS, D.J. Geotechnical Branch (Post 831001). 1p. 27482:225.

--B411080273 "Technical Assistance in Geochemistry," monthly progress rept for June 1984. * Oak Ridge National Laboratory. FIN B-0287. 84/07/09. NRC - No Detailed Affiliation Given. 3pp. 27482:226.

B411080263 Recommends types of waste package computer codes that should be benchmarked during course of project. Benchmark codes listed used in five areas. VOGT, D.K. Teknekron, Inc. FIN B-6985. 83/12/05. FEHRINGER, D. Division of Waste Management. 2pp. 27452:134.

NONDOCKETED ITEMS

8411080264 Forwards "Evaluation of Drillstem Tests Performed in Gibson Dome 1 Borehole," & "Evaluation of Hydrologic Tests Performed in Gibson Dome 1, Elk Ridge & EJ Kubat Boreholes," preliminary reviews of ONWI Repts 388 & 491, respectively. ROWE, J. Golder Associates. FIN B-7390. NRC-02-83-034. 84/06/19. COOKE, B. Division of Waste Management. 1p. 27482:040.

--8411080272 "Evaluation of Drillstem Tests Performed in Gibson Dome 1 Borehole" & "Evaluation of Hydrologic Tests Performed in Gibson Dome 1, Elk Ridge & EJ Kubat Boreholes," preliminary reviews of ONWI Repts 388 & 491, respectively. * Golder Associates. FIN B-7390. NRC-02-83-034. 84/06/19. NRC - No Detailed Affiliation Given. 41pp. 27482:041.

8411080266 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Dec 1983. CROFF, A. G. Oak Ridge National Laboratory. FIN B-0290. 84/01/09. STARMER, R. J. Geotechnical Branch (Post 831001). 3pp. 27452:315.

8411080267 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," monthly progress rept for Nov 1983. WILLIAMS, R. E. Williams & Associates. FIN B-7372. 83/12/13. LOGSDON, M. Division of Waste Management. 5pp. 27454:037.

8411080271 Forwards more comprehensive trip repts re 840124-27 preparation meeting at BWIP re data collection & 840124-27 data gathering meeting re geomechanics data. O'NAND, L. P. Golder Associates. FIN B-6983. 8/84/63. 84/02/20. BUCKLEY, J. T. Division of Waste Management. 13pp. 27452:136.

8411080274 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Nov 1983. CROFF, A. G. Oak Ridge National Laboratory. FIN B-0290. 84/12/13. STARMER, R. J. Geotechnical Branch (Post 831001). 4pp. 27452:320.

8411080277 Forwards "Geochemical Conditions for Candidate Salt Sites: Limitations of Available Data (ONWI)" & draft supporting topical review "Review & Assessment of Info on Geochemical Conditions for Candidate Salt Sites" WHITLEY, S. K. Oak Ridge National Laboratory. FIN B-0287. 84/05/18. BROOKS, D. J. Geotechnical Branch (Post 831001). 1p. 27483:218.

--8411080288 "Geochemical Conditions for Candidate Salt Sites: Limitations of Available Data (ONWI)," Ltr Rept LR 3.1. JACOBS, G. K. Oak Ridge National Laboratory. FIN B-0287. 1196. 84/05/17. NRC - No Detailed Affiliation Given. 72pp. 27483:219.

8411080278 Ack receipt of ltr rept re codes for benchmarking in waste package area. Major deficiency in waste package codes is lack of computer programs used for detailed engineering assessments of corrosion & leaching. FEHRINGER, D. J. Repository Projects Branch (Post 831001). FIN B-6985. 83/12/29. VOOT, D. K. CorSTAR Research, Inc. 2pp. 27452:146.

8411080281 "Reviewing Hydrogeologic Investigations of Bedded & Salt Dome Basins-Project A," first monthly progress rept for Dec 1983. WINTER, G. Williams & Associates. FIN B-7389. NRC-02-83-033. 84/01/04. COOKE, B. Division of Waste Management. 6pp. 27452:330.

8411080282 Submits preliminary list of issues relevant to licensing of high level nuclear waste repository in Gulf Coast Salt Dome Basin List reflects project activities & discussions over previous 5 months. POETER, E. Golder Associates. FIN B-7390. NRC-02-83-034. 84/04/27. COOKE, B. Division of Waste Management. 14pp. 27482:082.

8411080284 Forwards revised outline for waste package code benchmark problem rept. New version contains fewer thermal & mechanical problems & description of each problem purpose. FEHRINGER, D. J. Repository Projects Branch (Post 831001). FIN B-6985. 83/12/06. GREEVES, J. T. Engineering Branch (Post 831001). 10pp. 27452:148.

8411080286 Forwards preliminary reviews of ONWI-388 & ONWI-491 re methodology & analysis of hydrogeologic tests conducted in deep boreholes in Paradox Basin, per 840606 request. No addl effort on review will be expended at present. ROWE, J. Golder Associates. FIN B-7390. 8/84/224. 84/06/19. COOKE, B. Division of Waste Management. 42pp. 27482:231.

8411080291 Summarizes 831213 US Natl Committees for Rock Mechanics & Tunneling Technology joint briefing re committee formation, past & present activities & future goals. Activities of interest to NRC listed. SEAMANS, T. L. Engineering Branch (Post 831001). B-6932. 83/12/21. GREEVES, J. T., NATARAJA, M. S. Engineering Branch (Post 831001). 1p. 27453:177.

8411080293 Forwards marked-up Apps B & C to ORNL draft staff technical position on repository environs. Document reproduces BNL work over 3-yr period. Low & high-cycle fatigue excessively treated. SOD, P. Brookhaven National Laboratory. FIN B-0288. 83/11/07. WICK, E. A. High Level Waste Licensing Management Branch. 75pp. 27457:030.

8411080294 Forwards guidance for review of draft environ assessments following definitization of Task Order 003 mod, per Contract NRC-02-84-002. BUCKLEY, J. T. Engineering Branch (Post 831001). FIN D-1004. NRC-02-84-002. 84/07/11. CUMMINGS, R. Engineers International, Inc. 8pp. 27483:074.

8411080298 Comments on Ltr 5. "Example of Data Needs Assessment Model" & documents re sensitivity study presentations made at 840308-09 contractor meeting in Silver Spring, MD. COOKE, B. Geotechnical Branch (Post 831001). FIN B-7390. NRC-02-83-034. 84/04/19. ROWE, J. Golder Associates. 5pp. 27482:284.

8411080299 "US Natl Committee for Rock Mechanics Activities Quarterly Rept," Oct-Dec 1983. WAGNER, J. E. National Research Council. FIN B-6932. 84/02/06. SEAMANS, T. NRC - No Detailed Affiliation Given. 3pp. 27453:178.

8411080302 Comments on monthly progress rept for Apr 1984 for Task Orders 002-005 of Contract NRC-02-84-002. Task Order 001 complete. BUCKLEY, J. T. Engineering Branch (Post 831001). FIN D-1004. NRC-02-84-002. 84/06/12. CUMMINGS, R. Engineers International, Inc. 2pp. 27482:289.

8411080304 Comments on Apps B & C to "Draft Staff Technical Position on Repository Environ Parameters Relevant to Assessing Performance of High Level Waste Packages." Apps well written & purpose adequately referenced. CHANG, K. C. Engineering Branch (Post 831001). FIN B-0288. 83/11/15. CROFF, A. G. Oak Ridge National Laboratory. 7pp. 27456:352.

8411080308 Agenda for 840523 meeting in Silver Spring, MD to discuss technical assistance requirements in preparation for environ assessment reviews, per Contract NRC-02-84-002. * NRC - No Detailed Affiliation Given. FIN D-1004. NRC-02-84-002. 84/05/11. NRC - No Detailed Affiliation Given. 2pp. 27482:291.

8411080310 Forwards summary of 831213 US Natl Committees for Rock Mechanics & Tunneling Technology briefing re current tunneling & rock mechanics programs & needs. Briefing informative & useful. HEISLER, S. V. National Research Council. FIN B-6932. 84/03/02. SEAMANS, T. NRC - No Detailed Affiliation Given. 6pp. 27453:181.

8411080311 "Effect of Repository Environ on Performance of Waste Packages/Engineered Sys Components," monthly progress rept for Nov 1983. CROFF, A. G. Oak Ridge National Laboratory. FIN B-0288. 83/12/12. CHANG, K. C. Engineering Branch (Post 831001). 3pp. 27456:339.

8411080312 Submits itinerary for 840710 & 16-19 data review of Nevada Nuclear Waste Site Investigation. TIKINSKY, D. H. Engineering Branch (Post 831001). FIN D-1004. NRC-02-84-002. 84/06/29. HOLLOP, E. Interior, Dept. of, Bureau of Mines. 1p. 27482:293.

8411080316 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components," monthly progress rept for Dec 1983. CROFF, A. G. Oak Ridge National Laboratory. FIN B-0288. 84/01/09. CHANG, K. C. Engineering Branch (Post 831001). 3pp. 27457:001.

8411080317 Comments on "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Dec 1983. Rept satisfactory. STARMER, R. J. Geotechnical Branch (Post 831001). FIN B-0290. 84/02/02. CROFF, A. G. Oak Ridge National Laboratory. 3pp. 27453:181.

NONDOCKETED ITEMS

443

8411080320 Forwards rough draft of topical review "Review & Assessment of Radionuclide Solubility Info for BWIP Site." Draft is complete rewrite dealing specifically w/current BWIP approach & experimentally measured values.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 84/06/12. BROOKS, D.J. Geotechnical Branch (Post 831001). 1p. 27482:294.

--8411080325 "Review & Assessment of Radionuclide Solubility Info for BWIP Site," first draft.
BLENCOE, J.C., WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 84/06/13. Office of Nuclear Material Safety & Safeguards, Director. 108pp. 27482:295.

8411080322 Comments on quarterly rept for Fourth Quarter 1983 for interagency agreement between Bureau of Mines & NRC. Insertion of progress omitted from last quarterly rept acceptable.
TIKINSKY, D. Engineering Branch (Post 831001). FIN B-6934. NRC-02-80-75. 84/02/15. AMEY, E. Interior, Dept. of, Bureau of Mines. 1p. 27453:190.

8411080323 "Draft Staff Technical Position on Repository Environ Parameters Relevant to Assessing Performance on High Level Waste Packages."
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 84/01/12. CHANG, K.C. Engineering Branch (Post 831001). 65pp. 27453:011.

8411080327 Addresses changes in technical proposal for Tasks 4 & 5 of repository design codes under "Benchmarking of Computer Codes & Licensing Assistance." Major revs to proposal listed.
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/03/14. GUSTAVE, R. NRC - No Detailed Affiliation Given. 16pp. 27453:193.

8411080329 Comments on draft "Fault Trees Depicting Failure of High Level Radwaste Packages." Applicability & practicality of fault trees to waste package assessment questioned. Methodology next to impossible to quantify & implement.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 84/01/24. CHANG, K.V. Engineering Branch (Post 831001). 5pp. 27453:072.

8411080330 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components," monthly progress rept for May 1984.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 1257. 84/05/29. CHANG, K.C. Engineering Branch (Post 831001). 2pp. 27483:040.

8411080331 Forwards comments on BWIP Hydrochemistry Workshop held during wk of 840109 in Richland, WA. Lumping data by basalt formation should be justified.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/01/13. GORDON, M. Division of Waste Management. 4pp. 27453:077.

8411080332 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components," progress rept for Apr 1984.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 1154. 84/05/08. CHANG, K.C. Engineering Branch (Post 831001). 2pp. 27483:042.

8411080334 Comments on "Benchmarking of Computer Codes & Licensing Assistance," monthly progress rept for Nov 1983. Problems that address chemical or geochemical effects on waste package limited.
FEHRINGER, D.J. Repository Projects Branch (Post 831001). FIN B-6985. NRC-02-81-026. 84/01/18. VOGT, D.K. CorSTAR Research, Inc. 2pp. 27453:209.

8411080336 Trip rept of 840108-13 visit to Richland, WA to review hydrochemistry data collected by Rockwell Hanford Operations since Jul 1982 data review & to view site drilling & piezometer installation operations on DC-19 cluster.
WINTER, G. Williams & Associates. FIN B-7372. NRC-02-82-044. 84/01/17. GORDON, M. Division of Waste Management. 1p. 27453:081.

8411080337 Responds to May 1984 monthly progress rept & submits comments. Tasks 001 & 002 complete & Task 003 identification of key documents nearly complete.
BUCKLEY, J.T. Engineering Branch (Post 831001). FIN D-1004. NRC-02-84-002. 84/07/03. CUMMINGS, R. Engineers International, Inc. 3pp. 27483:082.

8411080338 Forwards Page 77 & Figure 3.1 (Page 44a) to NUREG/CR-3572, inadvertently omitted during publication process.
WARREN, B.P. Oak Ridge National Laboratory. FIN B-0289. 1252. 84/05/24. NRC - No Detailed Affiliation Given. 3pp. 27483:044.

8411080341 "Benchmarking of Computer Codes & Licensing Assistance," monthly 1tr progress rept for Dec 1983.
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/01/13. FEHRINGER, D. Division of Waste Management. 28pp. 27453:211.

8411080342 Draft "Purpose, Objectives & Discussion Items for Workshop on Geochemistry W/Ofc of Nuclear Waste Isolation," Ltr Rept LR 4.2-2.
JACOBS, G.K. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 84/01/23. BROOKS, D.J. Geotechnical Branch (Post 831001). 4pp. 27453:082.

8411080345 "Technical Assistance for Assessment of Repository Siting & Design," quarterly progress rept for Jan-Mar 1984.
AMEY, E.B. Interior, Dept. of, Bureau of Mines. FIN B-6934. 1152. 84/05/04. FLEENOR, C. Division of Contracts. 4pp. 27483:047.

8411080348 Notification of 840523 meeting w/Engineers Intl & US Bureau of Mines in Bethesda, MD to provide guidance concerning review of Nevada Nuclear Waste Site Investigation repository project data base documentation.
* Engineering Branch (Post 831001). FIN D-1004. NRC-02-84-002. 84/05/11. Engineering Branch (Post 831001). 3pp. 27483:085.

8411080349 Summary of 840412 meeting w/DRNL in Silver Spring, MD re status of FINs B-0287 & B-0290, "Technical Assistance in Geochemistry," & "Lab Evaluation of DOE Radionuclide Solubility Data..." respectively. Agenda & viewgraphs encl.
STARMER, R.J., BROOKS, D. Geotechnical Branch (Post 831001). FIN B-0287. 1317. 84/04/18. JUSTUS, P.S. Geotechnical Branch (Post 831001). 39pp. 27483:179.

8411080352 Forwards correspondence re proprietary use of MA28 subroutine in computer code TOUGH, per 831201 telcon. NRC wants to dispel existing proprietary restrictions on code to enable use in regulatory analyses.
CORRADO, J.A. Geotechnical Branch (Post 831001). FIN B-3109. 83/12/09. OLSON, K.R. Lawrence Berkeley Laboratory. 1p. 27452:095.

--8411080360 Requests info re proprietary restrictions on nonresearch related applications of MA28 package & users manual. Code will be used to evaluate potential high level radwaste disposal sites.
ORNSTEIN, P.M. High Level Waste Licensing Management Branch. 83/09/06. MARLOW, United Kingdom Atomic Energy Authority. 1p. 27452:096.

--8411080367 Forwards agreement re NRC use of subroutine in MA28 computer code from LBL for nonresearch related applications.
COUSINS, L.B. United Kingdom Atomic Energy Authority. AI/R/662. 83/10/31. ORNSTEIN, P.M. High Level Waste Licensing Management Branch. 5pp. 27452:097.

--8411080378 Forwards tape listing illustrating COMMENT records inserted into SHAFT79 package permitting inclusion of Harwell Library subroutines & draft brochure describing software info & exchange program. W/o draft brochure.
BUTLER, M. Argonne National Laboratory. 83/11/28. ORNSTEIN, P. Division of Waste Management. 3pp. 27452:102.

8411080354 "State-of-the-Art Assessment for Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly progress rept for Mar 1984.
AMEY, E.B. Interior, Dept. of, Bureau of Mines. FIN B-6934. 1168. 84/04/23. FLEENOR, C. Division of Contracts. 4pp. 27483:051.

8411080358 Comments on Dec 1983 monthly project rept for "Technical Assistance in Geochemistry." Progress on Tasks 1-5 satisfactory. Summary of BWIP 840109-12 Geochemistry Workshop encl.
BROOKS, D. Geotechnical Branch (Post 831001). FIN B-0287. NRC-50-19-03-01. 84/02/02. CROFF, A.G. Oak Ridge National Laboratory. 40pp. 27453:086.

8411080359 Forwards guidance to follow for review of Drafts 4 & 5 of environ assessments. Guidance not construed as authority to commence review of draft environ assessments.
BUCKLEY, J.T. Engineering Branch (Post 831001). FIN D-1004. 1330. 84/07/11. CUMMINGS, R. Engineers International, Inc. 8pp. 27483:088.

8411080363 "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components," progress rept for Mar 1984.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 1208. 84/04/09. CHANG, K.C. Engineering Branch (Post 831001). 2pp. 27483:055.

NONDOCKETED ITEMS

- 8411080365 Forwards comments & questions of participants in 840524-25 data review meeting re DOE response to NRC 830615 ltr re exploratory shaft const & sealing. GA aspects not considered in detail per agreement.
SINGH, M. M. Engineers International, Inc. FIN D-1004. 1224.
84/05/31. BUCKLEY, J. Engineering Branch (Post 831001). 9pp. 27483:172.
- 8411080368 "Info Required for Conceptual Model of Repository Located at Nevada Test Site W/Emphasis on Geochemistry." Ltr Rept LR 4.2-3.
JACOBS, G. K., CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287.
NRC-50-19-03-01. 84/01/30. BROOKS, D. J. Geotechnical Branch (Post 831001). 8pp. 27453:126.
- 8411080369 "SRP for Draft Environ Assessment for DOE Pursuant to Section 112(b) of Nuclear Waste Policy Act."
* Division of Waste Management. FIN D-1004. 84/06/22. 53pp. 27483:096.
- 8411080371 Forwards "Lab Evaluation of DOE Radionuclide Solubility...." & Ltr Repts L-290-4 & L-290-5, "Development & Enhancement of Internally...." & "Request for U Sorption Info From BWIP," respectively, per NRC questions.
WHATLEY, S. K. Oak Ridge National Laboratory. FIN B-0290. 1156.
84/05/09. STARMER, R. J. Geotechnical Branch (Post 831001). 2pp. 27483:057.
- 8411080380 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," monthly progress rept for Apr 1984.
WHATLEY, S. K., KEMERS, A. D. Oak Ridge National Laboratory. FIN B-0290. 1156. 84/05/09. NRC - No Detailed Affiliation Given. 5pp. 27483:059.
- 8411080393 "Development & Enhancement of Internally Consistent Multiple-Use Thermodynamic Data Base for MINTEQA2, DHREEGE & EQ3/6 Codes," & "Request for U Sorption Test Info From BWIP," ltr repts.
JACOBS, G. K., KEMERS, A. D. Oak Ridge National Laboratory. FIN B-0290. L-290-4. 84/05/09. NRC - No Detailed Affiliation Given. 7pp. 27483:064.
- 8411080375 Forwards ORNL Ltr Rept LR 4.1-14. "Suggested Activity to Review Chemical Status of Radioactive Elements in Spent Fuel" for review. Comments requested by 840227.
BROOKS, D. J. Geotechnical Branch (Post 831001). FIN B-0287. 84/02/13. GREEVES, J. T., WICK, E. Engineering Branch (Post 831001). 4pp. 27453:134.
- 8411080377 Summary of 840524-25 meetings w/Engineers Intl, Sandia Natl Labs & US Bureau of Mines in Silver Spring, MD re status of key document reviews & guidance for review of Salt Repository Project data base documentation.
* NRC - No Detailed Affiliation Given. FIN D-1004. 1325.
84/06/01. NRC - No Detailed Affiliation Given. 21pp. 27483:151.
- 8411080381 "Suggested Activity to Review Chemical Status of Radioactive Elements in Spent Fuel." Ltr Rept LR 4.1-14.
KEMERS, A. D., CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287.
NRC-50-19-03-01. 84/01/18. BROOKS, D. J. Geotechnical Branch (Post 831001). 4pp. 27453:138.
- 8411080383 Meeting rept of 840117-18 meetings w/NRC in Silver Spring, MD, to prepare for data review visit to BWIP site in Richland, WA on 840124-27.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/02/01. SEAMANS, T. Engineering Branch (Post 831001). 14pp. 27452:105.
- 8411080385 "Technical Assistance in Geochemistry," monthly progress rept for Jan 1984.
CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287.
NRC-50-19-03-01. 84/02/09. BROOKS, D. J. Geotechnical Branch (Post 831001). 4pp. 27453:142.
- chemistry," meeting rept of
1, WA.
Oak Ridge National
3-01. 84/02/02. BROOKS, D. J.
Lpp. 27453:146.
- uclear Waste Repositories -
nc. FIN B-7328.
Division of Waste Management.
- 8411080397 "Review of BMI/DNWI-513, 'Salton Sea Geothermal Field, CA, as Near-Field Natural Analog of Radwaste Repository in Salt.'" Ltr Rept LR 4.1-17.
JACOBS, G. K., WHATLEY, S. K. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 84/02/29. BROOKS, D. J. Geotechnical Branch (Post 831001). 4pp. 27456:149.
- 8411080398 Comments on Nov 1983 monthly progress rept re technical assistance for design reviews. Draft site technical positions should be based on Design Issues 4.1.2.2 & 4.2.3.1 from list submitted to NRC on 831019.
SEAMANS, T. Engineering Branch (Post 831001). FIN B-7328.
NRC-02-82-030. 84/01/03. RAJARAM, V. Engineers International, Inc. 1p. 27456:297.
- 8411080401 Comments on May 1984 progress rept for "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures." Progress to date satisfactory.
STARMER, R. J. Geotechnical Branch (Post 831001). FIN B-0290. 1328.
84/07/03. WHATLEY, S. K. Oak Ridge National Laboratory. 4pp. 27482:280.
- 8411080404 "Comments on Draft Exploratory Shaft Test Plan for BWIP," draft final rept for Task Order 007.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/01/04. SEAMANS, T. Engineering Branch (Post 831001). 20pp. 27456:298.
- 8411080407 Responds to NRC request for addl info re trip rept concerning Intl Symposium on Scientific Basis for Nuclear Waste Mgt. Items ORNL considers unfocused or of limited relevance discussed & basis for consideration explained.
KEMERS, A. D. Oak Ridge National Laboratory. FIN B-0287. 84/02/23. BROOKS, D. J. Geotechnical Branch (Post 831001). 2pp. 27456:153.
- 8411080408 "Technical Assistance for Design Reviews," monthly progress rept for Nov 1983.
HAMBLEY, D. F. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 83/12/16. SEAMANS, T. Engineering Branch (Post 831001). 11pp. 27456:318.
- 8411080410 Comments on Jan 1984 progress rept for "Technical Assistance in Geochemistry." Future repts should address technical findings in more detail. Progress on Tasks 1-5 satisfactory. Master list of BWIP documents encl. w/o encl.
BROOKS, D. J. Geotechnical Branch (Post 831001). FIN B-0287.
NRC-50-19-03-01. 84/03/12. CROFF, A. G. Oak Ridge National Laboratory. 3pp. 27456:155.
- 8411080411 "Self-Teaching Guide for Prototype Earth Science Data Base." * Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/09/09. 150pp. 27487:104.
- 8411080413 "Assessment of Water Intrusion Into Geologic High Level Waste Repositories in Bedded Salt, Dome Salt, Tuff & Basalt," final abstract rept for Task Order 006.
CUMMINGS, R. A., KENDORSKI, F. S., RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 83/12/28. SEAMANS, T. High Level Waste Technical Development Branch. 23pp. 27456:329.
- 8411080414 "Technical Assistance in Geochemistry," monthly progress rept for Feb 1984.
WHATLEY, S. K. Oak Ridge National Laboratory. FIN B-0287. 84/03/09. BROOKS, D. J. Geotechnical Branch (Post 831001). 4pp. 27456:158.
- 8411080416 "Trip Rept for Data Review Visit to Richland, WA During 840124-26."
* Engineers International, Inc. FIN B-7328. NRC-02-82-044. 84/02/09. SEAMANS, T. L. Engineering Branch (Post 831001). 26pp. 27457:004.
- 8411080418 Forwards blank & completed set of coding forms for Earth Sciences Data Base, designed to make data collection & coding more efficient & uniform. Summary of NRC 840605 meeting w/CorSTAR & Acres Consulting Svcs. Ltd also encl.
VOGT, D. K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81026. 84/06/19. BROOKS, P. Division of Waste Management. 19pp. 27487:249.
- 8411080425 Summary of 840605 meeting w/NRC & CorSTAR in Silver Spring, MD re approach to benchmarking repository design codes under Tasks 4 & 5 of Contract NRC-02-81-026.
CURTIS, R. H. Acres Consulting Services, Ltd. FIN B-6985. P6678. 230. 84/08/06. Acres Consulting Services, Ltd. 23pp. 27487:268.

NONDOCKETED ITEMS

445

B411080419 "Technical Assistance in Geochemistry & Effect of Repository Environs on Performance of Waste Package/Engineered Sys Components." Meeting Rept MR 4.1-7.
CLAIBORNE, H. C.; KILMERS, A. D.; CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 83/12/08. BROOKS, D. J. Geotechnical Branch (Post 831001). CHANG, K. C. Engineering Branch (Post 831001). 49pp. 27456:162.

B411080422 Forwards guidance concerning review of Nevada Nuclear Waste Site Investigation & BWIP draft environ assessment. Summary of scope & objectives of review included.
BUCKLEY, J. T. Engineering Branch (Post 831001). FIN D-1004. NRC-02-84-002. 84/07/17. CUMMINGS Engineers International, Inc. 2pp. 27487:289.

B411080430 Forwards review of potential methane hazard at BWIP, per Interagency Agreement NRC-02-80-075.
FORSHEY, D. R. Interior, Dept. of, Bureau of Mines. FIN B-6934. 1175. 84/04/26. TIKTINSKY, D. H. Division of Waste Management. 3pp. 27487:291.

B411080431 Comments on Oct 1983 monthly progress rept for "Technical Assistance for Geochemistry." Progress on Tasks 1-5 satisfactory.
BROOKS, D. J. Geotechnical Branch (Post 831001). FIN B-0287. NRC-50-19-03-01. 83/11/30. CROFF, A. G. Oak Ridge National Laboratory. 2pp. 27456:211.

B411080434 "Technical Assistance in Geochemistry." monthly progress rept for Nov 1983.
CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 83/12/12. BROOKS, D. J. Geotechnical Branch (Post 831001). 5pp. 27456:213.

B411080436 "Users Manual for Prototype Earth Sciences Data Base."
* Teknekron, Inc. FIN B-6985. NRC-02-81-026. 83/09/09. 175pp. 27484:225.

B411080437 "Preparation of Engineering Analysis for High Level Waste Packages in Geologic Repositories." monthly progress rept for Sept 1984.
STEPHENS, K. W. Aerospace Corp. FIN A-4165-4. 1575. 84/09/12. CHANG, K. C. NRC - No Detailed Affiliation Given. 62pp. 27405:153.

B411080438 "Benchmarking of Computer Codes & Licensing Assistance." monthly ltr progress rept for May 1984.
VOGT, D. K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/06/15. BROOKS, P. Division of Waste Management. 30pp. 27485:017.

B411080440 Forwards trip repts of visits to Pittsburgh, PA on 840112. Washington, DC on 831213-15 & Boston, MA on 831114-17.
KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 84/03/08. TIKTINSKY, D. Engineering Branch (Post 831001). 1p. 27485:047.

--B411080459 Trip rept of NRC/DOE Bureau of Mines (BOM) 840112 meeting in Pittsburgh, PA re findings of Engineers Intl retrieval contract work & BOM work on horizontal drilling, per Task II, Work Request 8.
KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 84/03/08. TIKTINSKY, D. Engineering Branch (Post 831001). 2pp. 27485:048.

--B411080482 Trip rept of 831213-15 DOE info meeting in Washington, DC. Ltr combines observations under NRC Contracts NRC-02-82-031 & NRC-02-82-030, Task Order 004.
RAJARAM, V.; KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 84/03/08. TIKTINSKY, D. Engineering Branch (Post 831001). 11pp. 27485:050.

--B411080497 Trip rept re attendance at 831114-17 meeting of Matls Research Society, Symposium D, Seventh Intl Symposium on Scientific Basis for Nuclear Waste Mgt, in Boston, MA, per Task 2, Work Request & Meeting program & abstracts encl.
KENDORSKI, F. S. Engineers International, Inc. FIN B-7327. NRC-02-82-031. 84/03/08. TIKTINSKY, D. Engineering Branch (Post 831001). 54pp. 27485:061.

B411080441 Forwards marked-up "Draft Blanket Site Technical Position on Geochemical Issues for High Level Waste Disposal Facility at BWIP." Position should be rewritten addressing each issue raised by 10CFR60 & deleting Section 3.2.
CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287. 83/12/19. BROOKS, D. J. Geotechnical Branch (Post 831001). 63pp. 27456:218.

B411080442 Expresses appreciation for opportunity to review draft "Benchmarking of Flow & Transport Codes for Licensing Assistance, Vols I & II." Comments listed.
STILLING, S. A. Affiliation Not Assigned. FIN B-6985. 1304. 84/07/04. KNAPP, M. R. Division of Waste Management. 6pp. 27485:115.

B411080444 "Need for Research to Develop Addl Chemical Info on Reduced Technetium Species & Compounds." Ltr Rept L-290-1.
KILMERS, A. D.; MEYER, R. E.; CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 83/12/20. STARMER, R. J. Geotechnical Branch (Post 831001). 5pp. 27456:284.

B411080445 Comments on draft "Parameters & Variables Appearing in Computer Codes for Waste Package Analysis." Addition of creep data for metals used as load-bearing components supported.
BROOKS, P. P. Repository Projects Branch (Post 831001). FIN B-6985. 1160. 84/04/23. VOGT, D. K. CorSTAR Research, Inc. 16pp. 27485:125.

B411080446 Forwards annotated draft "BWIP Site Technical Position: Interpretation of Hydrogeologic Test in Deep Boreholes Using Data Obtained by Uphole Measurements." Analysis demonstrates effectiveness of downhole measurements at BWIP.
WILLIAMS, R. E. Williams & Associates. FIN B-7372-3. NRC-02-82-044. 84/10/01. GORDON, M. Division of Waste Management. 47pp. 27405:096.

B411080448 "Benchmarking of Computer Codes & Licensing Assistance." monthly ltr progress rept for June 1984.
VOGT, D. K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/07/15. BROOKS, P. Division of Waste Management. 11pp. 27485:141.

B411080450 Recommends May 1984 Workshop on Geochemical Modeling be postponed to Sept 1984. Cites need for ORNL attendance at other May 1984 waste mgt meetings & upcoming review of environ assessments as reasons for postponement.
CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287. 83/12/21. BROOKS, D. J. Geotechnical Branch (Post 831001). 3pp. 27456:281.

B411080454 Comments on Aug 1984 monthly progress rept for FIN B-7389. List of newly acquired ref documents satisfactory. Document review sheet & technical notes encl.
COOKE, B. A. Geotechnical Branch (Post 831001). FIN B-7389. 1544. 84/09/21. WILLIAMS, R. E. Williams & Associates. 12pp. 27405:055.

B411080455 "Technical Assistance in Geochemistry." monthly progress rept for Dec 1983.
CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 84/01/09. BROOKS, D. J. Engineering Branch (Post 831001). 5pp. 27456:289.

B411080458 Comments on draft rept. "Benchmarking of Flow & Transport Codes for Licensing Assistance." Addl specific comments & marked-up pages encl. Document should be subj to thorough technical editing.
BROOKS, P. P. Repository Projects Branch (Post 831001). FIN B-6985. 1353. 84/07/13. VOGT, D. K. CorSTAR Research, Inc. 52pp. 27485:152.

B411080462 "Review of State-of-the-Art & Preliminary Assessment of Feasibility of Modeling Transport of Radionuclides as Colloidal Particles in Geologic Media." Ltr Rept LR 4.1-13.
CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287. LR 4.1-13. 84/01/13. BROOKS, D. J. Geotechnical Branch (Post 831001). 3pp. 27456:294.

B411080463 Forwards "Revised Benchmark Problems for Repository Siting Models." final rept. for review.
MILLS, M. T. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026. 84/06/28. BROOKS, P. Division of Waste Management. 1p. 27485:205.

--B411080468 "Revised Benchmark Problems for Repository Siting Models." final rept.
ROSS, B.; MERCER, J. W.; THOMAS, S. D. Geotrans, Inc. FIN B-6985. 84/06/30. NRC - No Detailed Affiliation Given. 150pp. 27485:206.

B411080466 Responds to BWIP comments on NRC draft Site Technical Position 1.1. "Hydrologic Testing Strategy for BWIP."
WILLIAMS, R. E. Williams & Associates. FIN B-7372-3. 1574. 84/10/05. GORDON, M. Division of Waste Management. 7pp. 27405:036.

B411080469 "Review of RHO-BW-SA-299 P. 'Computer Code for Producing Eh-pH Plots of Equilibrium Chemical Sys.'" Ltr Rept LR 4.1-15.
JACOBS, G. K.; CROFF, A. G. Oak Ridge National Laboratory. FIN B-0287. NRC-50-19-03-01. 84/01/20. BROOKS, D. J. Geotechnical Branch (Post 831001). 2pp. 27448:194.

--B411080477 RHO-BW-SA-299 P
"Computer Code for Producing Eh-pH Plots of Equilibrium Chemical Sys."
DREWES, D. R. Rockwell International Corp. FIN B-0287. 83/04/30. 21pp. 27448:196.

NONDOCKETED ITEMS

- 8411080471 "Technical Assistance for In Situ Testing," sixth monthly rept for Aug 1984.
CUMMINGS, R.A. Engineers International, Inc. FIN D-1004. 1567.
84/10/12. BUCKLEY, J. Engineering Branch (Post 831001). 13pp.
27416:061.
- 8411080473 Confirms points agreed upon during 840404 telcon.
Requirements for 840417 document review technical meeting listed.
BUCKLEY, J.T. Engineering Branch (Post 831001). FIN D-1004. 1201.
84/04/06. CUMMINGS, B. Engineers International, Inc. 2pp.
27485:121.
- 8411080476 "Licensing & Methodology Integration & Probability Techniques," "Short Term Technical Assistance" & "Monitor/ Review Aspects of DOE & Other Natl & Intl Waste Mgt Programs," summary repts for month of Sept 1984.
CRANKELL, R.M. Sandia Laboratories. FIN A-1165. 1569. 84/10/10.
PEETERS, L.A. Repository Projects Branch (Post 831001). 5pp.
27416:054.
- 8411080480 Forwards rept of 840417-18 meeting w/NRC in Silver Spring, MD re review of Salt repository data base documentation.
CUMMINGS, R.A., SINGH, M.M. Engineers International, Inc. FIN D-1004. 1199. 84/05/15. BUCKLEY, J. High Level Waste Technical Development Branch. 3pp. 27485:360.
- 8411080481 Forwards "Geophysics: Surface Gravity Measurement & Data Reduction."
IMBE, J. Weston Geophysical Corp. FIN D-1003. 1577. 84/10/10.
RICE, B. Geotechnical Branch (Post 831001). 2pp. 27416:040.
- 8411080486 "Geophysics: Surface Gravity Measurement & Data Reduction."
PONCE, D.A., SAMPSON, H.E., OLIVER, H.W. Interior, Dept. of, Geological Survey. FIN D-1003. 82/05/11. 11pp. 27416:042.
- 8411080484 Comments on 831209 trip rept & "Effect of Repository Environ on Performance of Waste Package/Engineered Sys Components," progress rept for Nov 1983. Review of papers presented at Symposium on Scientific Bases for Nuclear Waste Mgt.
CHANG, K.C. Engineering Branch (Post 831001). FIN B-0288. 83/12/29.
CROFF, A.G. Oak Ridge National Laboratory. 1p. 27448:023.
- 8411080487 UCID-19926
"Initial Specs for Nuclear Waste Package External Dimensions & Matls."
GREGG, D.W., O'NEAL, W.C. Lawrence Livermore National Laboratory. FIN B-0288. 83/09/30. 22pp. 27448:024.
- 8411080489 RHO-BW-SA-297 P
"Modeling Fluid Flow in Fractured-Porous Rock Masses by Finite-Element Techniques."
BACA, R.G., ARNETT, R.C., LANGFORD, D.W. Rockwell International Corp. 83/04/30. 34pp. 27448:041.
- 8411080493 RHO-BW-SA-323AP
Paper entitled, "Stochastic Analysis of Groundwater Traveltimes for Long-Term Repository Performance Assessment," presented at 831114 Matls Research Symposium on Scientific Basis of Nuclear Waste Mgt in Boston, MA.
CLIFTON, P.M., BACA, R.G., ARNETT, R.C. Rockwell International Corp. FIN B-0288. 83/10/31. 9pp. 27448:062.
- 8411080500 UCB-NE-403B
"Geologic Disposal of Radwaste - 1983."
PIGFORD, T.H. California, Univ. of, Berkeley, CA. FIN B-0288. LBL-16795. 83/10/31. 51pp. 27448:071.
- 8411080485 Forwards scoping reviews of environ assessments for Yucca Mountain & Salt Sites & review of document entitled, "Application of Population Balance to Assessment of Importance of Radioactive Colloids in High Level Waste Mgt."
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 1561.
84/10/17. BROOKS, D.J. Geotechnical Branch (Post 831001). 1p.
27416:019.
- 8411080491 "Scoping Review of Draft Environ Assessments for Yucca Mountain Site," 1tr rept.
BLENCOE, J.O. Oak Ridge National Laboratory. FIN B-0287.
NRC-50-19-03-1. 84/10/17. NRC - No Detailed Affiliation Given. 12pp. 27416:020.
- 8411080495 "Scoping Review of Draft Environ Assessments for Salt Sites," 1tr rept.
JACOBS, G.K. Oak Ridge National Laboratory. FIN B-0287.
NRC-50-19-03-1. 84/10/15. NRC - No Detailed Affiliation Given. 6pp. 27416:032.
- 8411080503 "Review of Document Entitled 'Application of Population Balance to Assessment of Importance of Radioactive Colloids in High Level Waste Mgt,' by HE Nuttall, MD Siegel & EJ Bonano," 1tr rept.
LEE, S.Y. Oak Ridge National Laboratory. FIN B-0287.
NRC-50-19-03-1. 84/10/10. NRC - No Detailed Affiliation Given. 2pp. 27416:038.
- 8411080496 Summary of 840417 meeting w/Engineers Intl, Itasca, Sandia Natl Labs & DOI Bureau of Mines re document review.
* NRC - No Detailed Affiliation Given. FIN D-1004. 1180.
84/04/24. NRC - No Detailed Affiliation Given. 7pp. 27486:006.
- 8411080501 Forwards review of "Investigation of Equivalent Porous Medium Permeability in Networks of Discontinuous Fractures."
Task Order 002 complete.
CUMMINGS, R.A. Engineers International, Inc. FIN D-1004. 1159.
84/05/08. BUCKLEY, J. Engineering Branch (Post 831001). 6pp.
27486:013.
- 8411080504 Forwards comments on WTSD-TME-030, "Packing Emplacement Development Tests." Addl development of pneumatic emplacement techniques for backfilling horizontal boreholes needed.
THIHONS, E.D. Interior, Dept. of, Bureau of Mines. FIN B-6934. 1557. 84/09/06. TIKTINSKY, D.H. Engineering Branch (Post 831001). 3pp. 27416:001.
- 8411080511 Requests Sandia Natl Labs attendance at NRC 840524-25 meeting w/Engineers Intl re document reviews for Salt media in facility design & rock mechanics. Agenda encl.
NATARAJA, M.S. Engineering Branch (Post 831001). FIN D-1004. 1188.
84/05/14. CHU, M.S. Sandia Laboratories. 3pp. 27486:019.
- 8411080516 Forwards final "Draft Staff Technical Position on Repository Environ Parameters Relevant to Assessing Performance of High Level Waste Packages," NUREG-1076. Position needs to be generalized to include all repository media.
CROFF, A.G. Oak Ridge National Laboratory. FIN B-0288. 1195.
84/05/14. CHAND, K.C. Engineering Branch (Post 831001). 2pp.
27405:018.
- 8411080521 "Technical Assistance for In Situ Testing," monthly progress rept for May 1984.
CUMMINGS, R.A. Engineers International, Inc. FIN D-1004.
NRC-02-84-002. 84/06/14. BUCKLEY, J. Engineering Branch (Post 831001). 14pp. 27486:022.
- 8411080527 Forwards data inventory sheets for documents re rock mechanics & seal & backfill matls. Addl listing of document requirements also encl. Review sheets for key documents will be submitted w/June 1984 monthly rept.
JENNINGS, R.L. Engineers International, Inc. FIN D-1004. 1267.
84/06/14. BUCKLEY, J. High Level Waste Technical Development Branch. 3pp. 27486:036.
- 8411080528 "Reviewing Hydrogeologic Investigations of Nevada Test Site-Project C," monthly progress rept for Apr 1984.
WILLIAMS, R.E. Williams & Associates. FIN B-7377-2. 1162.
84/05/04. POHLE, J. Division of Waste Management. 3pp. 27486:070.
- 8411080531 Responds to May monthly progress rept under Contract NRC-02-84-002 (FIN D-1004). Task Orders 001 & 002 completed. Identification of key documents under Task 003 nearly complete.
BUCKLEY, J.T. Engineering Branch (Post 831001). FIN D-1004. 1332.
84/07/03. CUMMINGS, R. Engineers International, Inc. 6pp.
27486:073.
- 8411080532 Forwards comments on "Policy Questions re Role of Field Testing in Establishment of Radwaste Repository" & trip rept of 840530 meeting w/NRC, per Task Order 006.
SINGH, M.M. Engineers International, Inc. FIN D-1004. 1253.
84/06/13. GREEVES, J.T. NRC - No Detailed Affiliation Given. 26pp.
27486:080.
- 8411080535 Requests NRC assistance in obtaining listed documents.
BHATTACHARYA, S. Engineers International, Inc. FIN D-1004. 1258.
84/06/13. DUTTA, P. Engineering Branch (Post 831001). 3pp.
27486:106.
- 8411080543 Forwards list of key documents & data review documents for BWIP.
RAJARAM, V. Engineers International, Inc. FIN D-1004. 1227.
84/06/08. BUCKLEY, J.T. High Level Waste Technical Development Branch. 9pp. 27486:109.
- 8411080561 "Review Hydrogeologic Investigations of Nevada Test Site-Project C," monthly progress rept for May 1984.
WILLIAMS, R.E. Williams & Associates. FIN B-7377-2. 1254.
84/06/08. POHLE, J. Division of Waste Management. 3pp. 27486:118.

NONDOCKETED ITEMS

447

- 8411080562 Comments on Aug 1984 monthly progress rept, "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures." Progress satisfactory.
BRADBURY, J.W. Geotechnical Branch (Post 831001). FIN B-0290. 1545. 84/09/27. WHATLEY, S.K. Oak Ridge National Laboratory. 6pp. 27407:092
- 8411080564 Comments on monthly ltr progress rept for May 1984 re repository design codes Task 4 to solve benchmark problems & waste package codes Task 3 to design benchmark problems.
BROOKS, P. Repository Projects Branch (Post 831001). FIN B-6985. NRC-02-81-026. 84/07/03. VOGT, D.K. CorSTAR Research, Inc. 1p. 27486:135.
- 8411080569 Comments on Sept 1984 monthly progress rept for FIN B-7389 re Lavender Canyon Site. List of newly acquired ref documents satisfactory. Environ assessment comments should be more developed in terms of concern categories.
COOKE, B.A. Geotechnical Branch (Post 831001). FIN B-7389. NRC-02-82-033. 84/10/23. WILLIAMS, R.E. Williams & Associates. 11pp. 27407:071.
- 8411080570 Comments on reviewed monthly progress rept for Mar 1984. Marked-up site technical position outline w/comments & suggestions encl.
GORDON, M. Geotechnical Branch (Post 831001). FIN B-7373. 1172. 84/04/30. ROWE, J. Golder Associates. 2pp. 27407:063.
- 8411080575 "Reviewing Hydrogeological Investigations of Nevada Test Site-Project D," monthly progress rept for Apr 1984.
MERCER, J.W. Geotrans, Inc. FIN B-7378. 1190. 84/05/15. POHLE, J.A. Division of Waste Management. 11pp. 27486:123.
- 8411080579 Comments on BWIP DES. Numerous refs missing. DES presents balanced & realistic assessment. Only depth testing can resolve uncertainties.
DAEMEN, J. Sandia Laboratories. FIN A-1755. 1591. 84/10/23. BUCKLEY, J. Engineering Branch (Post 831001). 10pp. 27407:044.
- 8411080582 "BWIP Hydrogeology," monthly progress Ltr Rept 80 for Apr 1984.
ROWE, J. Golder Associates. FIN B-7373. 1095. 84/05/11. GORDON, M. Division of Waste Management. 2pp. 27486:121.
- 8411080584 "Review of Draft Environ Assessments of Richton Dome, Perry County, MI, Palo Duro Basin, Suisher County, TX, Cypress Creek Dome, Perry County, MI, BWIP, WA Vacherie Dome Site, Webster & Bienville Parishes, LA..."
FANNON, M.M. Weston Geophysical Corp. FIN D-1003. 1559. 84/10/04. RICE, B.R. Geotechnical Branch (Post 831001). 28pp. 27407:014.
- 8411080585 Comments on Mar 1984 monthly progress rept. Progress to date satisfactory. Draft environ assessment should be submitted on 840901. Proposed agenda for 840618 Hydrogeology Workshop requested. DOE/USGS repts encl for review. W/o encls.
POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7378. 1211. 84/04/27. ROSS, B.I. Geotrans, Inc. 3pp. 27486:136.
- 8411080590 Forwards set of documents for review in preparation for upcoming BWIP/NRC 840612-13 Hydrogeology Workshop in Gaithersburg, MD. Documents include drilling & testing specs & head monitoring data for boreholes. W/o encl.
GORDON, M. Geotechnical Branch (Post 831001). FIN B-7373. 1331. 84/05/14. WILLIAMS, R.E. Williams & Associates. 1p. 27486:139.
- 8411080591 Provides comments on Suisher County & Deaf Smith sites draft environ assessments.
MAHL, K. Sandia Laboratories. FIN A-1755. 1585. 84/10/23. PESHEL, J., PEARRING, J. NRC - No Detailed Affiliation Given. 37pp. 27406:335.
- 8411080597 Forwards list of key documents for NRC investigations of bedded & domal Salt as potential repository media. Several documents reviewed prior to list completion. Review of other documents underway.
WINTER, G. Williams & Associates. FIN B-7389-3. NRC-02-83-033. 84/10/22. COOKE, B. Division of Waste Management. 8pp. 27406:327.
- 8411080599 Summarizes 840612-13 BWIP Hydrologic Characterization Plan/Status Workshop in Washington, DC & preworkshop meeting in Silver Spring, MD re current hydrologic info presented to NRC & updated large-scale hydrologic testing.
ROWE, J. Golder Associates. FIN B-7373. 1321. 84/06/22. GORDON, M. Division of Waste Management. 7pp. 27486:140.
- 8411080600 Forwards proposed agenda for portion of Saturated Zone Characterization Workshop pertaining to saturated zone hydrology. Workshop could clarify portions of characterization program.
MERCER, J.W. Geotrans, Inc. FIN B-7378-4. 1197. 84/05/11. POHLE, J.A. Division of Waste Management. 3pp. 27486:147.
- 8411080601 Responds to question re overall pumping rate allocation between transmissive layers of composite zone. Pumping rate allocation based on properties of transmissive units.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/09/26. GORDON, M. Division of Waste Management. 3pp. 27406:315.
- 8411080602 Comments on monthly progress rept for Aug 1984 & other contract-related activities. Draft repository site definition for tuff near completion.
ORNSTEIN, P. Geotechnical Branch (Post 831001). FIN A-1158. 1546. 84/09/26. CRANWELL, R. Sandia Laboratories. 2pp. 27406:313.
- 8411080605 Forwards trip rept of 840917-21 visit & geologic data review at Nevada Test Site.
WANKET, A.E. Army, Dept. of. FIN B-6935. 1593. 84/10/18. WESTBROOK, K. Division of Waste Management. 2pp. 27406:311.
- 8411080606 Forwards rough draft of BWIP hydrogeology uphole measurement site technical position.
ROWE, J. Golder Associates. FIN B-7373. 1323. 84/07/13. GORDON, M. Division of Waste Management. 27pp. 27486:150.
- 8411080609 Suggests that MS Nataraja & J Peshel visit underground facility & experimental rooms at Waste Isolation Pilot Plant on 841017 to get realistic perspective on testing w/respect to high level waste repositories.
ORTIZ, N.R. Sandia Laboratories. FIN A-1755. 1552. 84/09/25. PESHEL, J. High Level Waste Technical Development Branch. 1p. 27406:310.
- 8411080612 "Technical Assistance in Geophysical Methods for Site Characterization," monthly progress Ltr Rept 3 for June 1984. No task orders assigned during June.
MURPHY, V.J. Weston Geophysical Corp. FIN D-1003. 1322. 84/07/12. RICE, B.J. Geotechnical Branch (Post 831001). 1p. 27486:177.
- 8411080616 Advises that monthly progress rept for May 1984 reviewed & work satisfactory. Draft site technical position on uphole pressure measurement methods requested by 840713. Draft should be responsive to preworkshop 840611 meeting comments.
GORDON, M. Geotechnical Branch (Post 831001). FIN B-7373. 1309. 84/06/25. ROWE, J. Golder Associates. 1p. 27486:178.
- 8411080625 "BWIP Hydrogeology," monthly progress Ltr Rept 82 rept for May 1984.
ROWE, J. Golder Associates. FIN B-7373. 1225. 84/06/07. GORDON, M. Division of Waste Management. 3pp. 27486:179.
- 8411080627 Comments on BNL progress ltr for month of Jul 1984 for FIN A-3164, "Review of DOE Waste Package Program," & FIN A-3167, "Review of Waste Package Verification Tests." No changes to costs or delivery of contracts authorized.
WICK, E.A. Engineering Branch (Post 831001). FIN A-3164. 1550. 84/09/21. SOD, P. Brookhaven National Laboratory. 2pp. 27406:272.
- 8411080630 Discusses review of monthly progress rept for Aug 1984, describing status of technical assistance under Contract NRC-02-82-046. Progress made to date satisfactory.
POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7377. NRC-02-82-046. 84/09/27. WILLIAMS, R.E. Williams & Associates. 1p. 27406:271.
- 8411080633 Notification of 840524-25 meeting w/NRC, Engineers Intl, Sandia Natl Labs & DOI Bureau of Mines in Silver Spring, MD to review Salt site documents & technical issues.
* Division of Waste Management. FIN D-1004. 1204. 84/05/11. Division of Waste Management. 3pp. 27486:182.
- 8411080639 Forwards listed documents in response to Communication 92 for review in preparation for environ assessment review.
W/o encls.
GORDON, M. Geotechnical Branch (Post 831001). FIN B-7372. NRC-02-82-044. 84/10/09. WILLIAMS, R.E. Williams & Associates. 2pp. 27406:243.
- 8411080642 Forwards document review sheet, "Detailed Hydrogeologic Design Comment" format & examples of technical notes re hydrogeologic design for review of listed technical repts.
TIKTINSKY, D.H. Division of Waste Management. FIN B-7328. 1543. 84/09/27. RAJARAM, V. Engineers International, Inc. 13pp. 27406:230.
- 8411080645 Requests that member of contract team attend NRC 841016-18 review of Paradox Basin geophysics data at Woodward-Clyde Consultants ofcs. LLL should submit ltr rept summarizing review of data. Proposed agenda encl.
BLACKFORD, M.E. Geotechnical Branch (Post 831001). FIN A-0294. 1579. 84/10/10. CHUNG, D. Lawrence Livermore National Laboratory. 3pp. 27406:226.

NONDOCKETED ITEMS

- 8411080653 "Coupled Thermal Hydrological Mechanical Assessments & Site Characterization Activities for Geologic Repositories," monthly rept for Sept 1984.
BONAND, E.J. Sandia Laboratories. FIN A-1755. 1562. 84/10/10.
NATARAJA, M.S. Engineering Branch (Post 831001). 3pp. 27406:215.
- 8411080657 "Technical Assistance for In Situ Testing," Ltr Progress Rept 58 for Sept 1984.
BHATTACHARYA, S. Engineers International, Inc. FIN D-1004.
NRC-02-84-002. 84/10/19. BUCKLEY, J. Engineering Branch (Post 831001). 9pp. 27406:160.
- 8411080665 Forwards comments on fourth draft of Salt environ assessment. Further testing & data evaluation required re unknown discharge from Hydrostratographic Unit C.
WINTER, G. Williams & Associates. FIN B-7389-3. 1563. 84/10/16.
COOKE, B. Division of Waste Management. 24pp. 27406:132.
- 8411080668 "Seismo-Tectonic Impacts in Repositories," Monthly Mgt Ltr Progress Rept 17 for Sept 1984.
CHUNG, D.H.; CUMMINGS, G.E. Lawrence Livermore National Laboratory.
FIN A-0294. EG-077-080/NBI. 84/10/10. BLACKFORD, M.E. Geotechnical Branch (Post 831001). 3pp. 27406:129.
- 8411080670 "Benchmarking of Computer Codes & Licensing Assistance," monthly progress rept for Sept 1984.
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. 1576. 84/10/15.
BROOKS, P. Division of Waste Management. 37pp. 27406:092.
- 8411080672 "Maint & Validation of Computer Programs," monthly rept for Sept 1984.
CRANWELL, R.M. Sandia Laboratories. FIN A-1166. 1573. 84/10/10.
CODELL, R. Geotechnical Branch (Post 831001). 4pp. 27406:088.
- 8411080673 "Review of DOE Waste Package Program" & "Waste Package Verification Tests," monthly mgt repts for Sept 1984.
KATO, W.Y.; SOO, P.; DAVIS, M.S. Brookhaven National Laboratory. FIN A-3164. 1586. 84/10/19. WICK, E.A. High Level Waste Licensing Management Branch. 27pp. 27406:061.
- 8411080676 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures," progress rept for Sept 1984.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 1566. 84/10/10. BRADBURY, J.W. Geotechnical Branch (Post 831001). 6pp. 27406:055.
- 8411080677 Comments on Monthly Mgt Ltr 17, summarizing progress under FIN A-0294 for Aug 1984. Reviews & comments on draft environ assessments for Salt Sites of excellent quality.
BLACKFORD, M.E. Geotechnical Branch (Post 831001). FIN A-0294. 1549. 84/10/04. CHUNG, D. Lawrence Livermore National Laboratory. 2pp. 27406:052.
- 8411090003 "Technical Assistance for Design Reviews," monthly technical rept for Sept 1984.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/10/19. TIKITSKY, D. Engineering Branch (Post 831001). 3pp. 27419:357.
- 8411090004 "Repository Site Description & Technology Transfer," monthly rept for Sept 1984.
CRANWELL, R.M. Sandia Laboratories. FIN A-1198. 1572. 84/10/10.
ORNSTEIN, P.M. Geotechnical Branch (Post 831001). 5pp. 27419:352.
- 8411090006 Advises that project notes & documents re "Salt Hydrogeology" being forwarded per Contract NRC-02-83-034 & 840831 ltr. Document inventory included documents obtained for library, other projects or as normal acquisitions.
ROWE, J. Golder Associates. FIN B-7390. NRC-02-83-034. 84/09/25.
COOKE, B. Division of Waste Management. 1p. 27418:361.
- 8411090036 Summary of 840530 meeting w/Engineers Intl in Silver Spring, MD re "Policy Questions re Role of Field Testing in Establishment of Radwaste Repository."
* Engineering Branch (Post 831001). FIN D-1004. 1238. 84/06/01.
Engineering Branch (Post 831001). 8pp. 27489:084.
- 8411090045 "Geochemical Sensitivity Analysis," monthly rept for Sept 1984.
SIEGEL, M.D. Sandia Laboratories. FIN A-1756. 1568. 84/10/10.
KELLY, W. NRC - No Detailed Affiliation Given. 21pp. 27423:277.
- 8411090048 "Technical Assistance for In Situ Testing," monthly progress rept for Apr 1984.
CUMMINGS, R.A. Engineers International, Inc. FIN D-1004.
NRC-02-84-002. 84/05/30. BUCKLEY, J. Engineering Branch (Post 831001). 1p. 27489:077.
- 8411090057 Forwards rept of 840523 meeting in Silver Spring, MD re preenvon assessment document review.
BHATTACHARYA, S.; SINGH, M.M. Engineers International, Inc. FIN D-1004. 1223. 84/05/31. BUCKLEY, J. High Level Waste Technical Development Branch. 4pp. 27489:073.
- 8411090069 Forwards rough draft of data review sheets completed to date to be reviewed & revised as necessary. Documents were reviewed which did not contain hard data.
SINGH, M.M. Engineers International, Inc. FIN D-1004. 1221. 84/06/05. BUCKLEY, J.T. NRC - No Detailed Affiliation Given. 44pp. 27489:095.
- 8411090077 Requests no-cost extension of Task Order 004 until 840731. Final rept delayed until NRC comments on draft rept.
"Disturbed Rock Zone Around Nuclear Waste Repositories - Rock Mechanics Considerations," received.
RAJARAM, V. Engineers International, Inc. FIN B-7328. 1336. 84/06/22. FLEENOR, C.M. Division of Contracts. 1p. 27489:072.
- 8411090091 Forwards photos re anomalous zones for info. Features may have hydrogeologic significance depending on location in salt stock & frequency of occurrence.
WINTER, G. Williams & Associates. FIN B-7389-3. NRC-02-83-033. 84/10/19. COOKE, B. Division of Waste Management. 3pp. 27424:257.
- 8411090097 Comments on monthly progress rept for Mar 1984. Progress to date satisfactory & schedule changes in place.
COOKE, B.A. Geotechnical Branch (Post 831001). FIN B-7389. 1205. 84/05/11. WILLIAMS, R.E. Williams & Associates. 1p. 27487:293.
- 8411090100 "Hydrogeology of Nevada Test Site," Monthly Progress Rept 60 for Sept 1984.
BUSS, D.R. Geotrans, Inc. FIN B-7378. 1570. 84/10/15. POHLE, J.A. Division of Waste Management. 3pp. 27424:250.
- 8411090103 Forwards questions re upcoming meeting on Salt Sites in Columbus, OH. Questions express concerns of conceptual models & are subj to rev.
WINTER, G. Williams & Associates. FIN B-7389. 1162. 84/04/27.
COOKE, B. Division of Waste Management. 3pp. 27487:294.
- 8411090108 "Reviewing Hydrogeologic Investigations of Bedded & Dome Salt Basins - Project A," 5th monthly progress rept for Apr 1984.
WINTER, G. Williams & Associates. FIN B-7389-3. 1164. 84/05/01.
COOKE, B. Division of Waste Management. 9pp. 27487:297.
- 8411090114 Forwards draft site technical positions (STPs) for groundwater sys of Salt Dome Sites. Content of STPs consistent w/earlier submissions but reflects nature of Salt domes as opposed to bedded Salt.
WINTER, G. Williams & Associates. FIN B-7389-3. 1246. 84/05/23.
COOKE, B. Division of Waste Management. 8pp. 27487:306.
- 8411090120 Comments on May 1984 monthly progress rept. Progress satisfactory to date. Requests JW Mercer lead trip to Nevada Site area & visit major recharge & discharge areas surrounding site.
POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7378. 1312. 84/06/27. MERCER, J.W. Geotrans, Inc. 1p. 27489:071.
- 8411090126 "Reviewing Hydrologic Investigations of Bedded & Dome Salt Basins - Project A," 6th monthly progress rept for May 1984.
WINTER, G. Williams & Associates. FIN B-7389. 1233. 84/06/05.
COOKE, B. Division of Waste Management. 10pp. 27487:314.
- 8411090127 Forwards two document lists essential for environ assessment review process, per 841001 telcon. Procurement assistance requested.
BHATTACHARYA, S. Engineers International, Inc. FIN D-1004.
NRC-02-84-002. 84/10/02. GUPTA, D. NRC - No Detailed Affiliation Given. 6pp. 27487:081.
- 8411090140 Requests assistance in procuring listed documents, including SAND78-1147, "Preliminary Thermal Expansion Screening Data for Tuffs" & SAND81-1664, "Effects of Elevated Temp & Core Pressure on Mechanical..."
BHATTACHARYA, S. Engineers International, Inc. FIN D-1004. 1148-004-033. 84/06/13. DUTTA, P. Engineering Branch (Post 831001). 3pp. 27487:087.
- 8411090135 Forwards review of SALT repository project performance assessment plan.
HUNTER, R. Sandia Laboratories. FIN A-1165. 1555. 84/10/01.
PEETERS, L.A. Repository Projects Branch (Post 831001). 11pp. 27487:090.
- 8411090142 Submits trip rept of attendance at 840514-18 NRC/DOE meeting in Columbus, OH re Salt Site data review. Attendees list encl.
WINTER, G.V. Williams & Associates. FIN B-7389-3. 1244. 84/05/23.
COOKE, B. Division of Waste Management. 15pp. 27487:324.

NONDOCKETED ITEMS

449

8411090143 "Reviewing Hydrogeologic Investigations of Nevada Test Site-Project D." monthly progress rept & Ltr 53 for May 1984.
MERCER, J.W. Geotrans, Inc. FIN B-7378. 1261. 84/06/13.
POHLE, J.A. Division of Waste Management. 10pp. 27489:061.

8411090149 Submits review of ONWI-491, "Results of Hydraulic Tests at Gibson Dome 1, ElkrIDGE 1 & EJ Kubat Boreholes, Paradox Basin, UT."
WINTER, G. Williams & Associates. FIN B-7389-3. 1245. 84/05/11.
COOKE, B. Division of Waste Management. 6pp. 27487:339.

8411090155 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Dec 1983.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 84/01/04.
POHLE, J.A. Division of Waste Management. 3pp. 27487:345.

8411090158 Forwards trip rept of 840109-12 visit to Oracle, AZ for unsaturated zone workshop.
ROSS, B. I. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 84/01/18.
POHLE, J.A. Division of Waste Management. 16pp. 27487:348.

8411090160 Comments on May 1984 progress rept for "Technical Assistance in Geophysical Methods for Site Characterization." Task order to review environ assessments to be issued within 2 wks.
RICE, B. Geotechnical Branch (Post 831001). FIN D-1003. 1295. 84/06/29. MURPHY, V.J. Affiliation Not Assigned. 1p. 27489:060.

8411090162 "Technical Assistance in Geochemistry." progress rept for Sept 1984.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 1565. 84/10/10. BROOKS, D.J. Geotechnical Branch (Post 831001). 3pp. 27487:101.

8411090165 "Hydrogeology of Nevada Test Site, Project D." monthly progress rept for Jan 1984.
ROSS, B. Geotrans, Inc. FIN B-7378-2. NRC-02-82-047. 84/02/02.
POHLE, J.A. Division of Waste Management. 4pp. 27488:001.

8411090168 "Hydrogeology of Nevada Test Site Project D." monthly progress rept for Feb 1984.
ROSS, B. I. Geotrans, Inc. FIN B-7378-4. NRC-02-82-047. 84/03/02.
POHLE, J.A. Division of Waste Management. 7pp. 27488:005.

8411090173 "Technical Assistance in Geophysical Methods for Site Characterization." Monthly Progress Ltr Rept 2 for May 1984.
MURPHY, V.J. Weston Geophysical Corp. FIN D-1003. 1251. 84/06/13.
RICE, B. J. Geotechnical Branch (Post 831001). 2pp. 27489:058.

8411090176 Responds to request for comments re util of hydrologic data repts. Repts lack detail in areas of test method procedure, test analysis assumptions, rationale or strategy for use of testing method & sampling technique.
BUSS, D.R. Geotrans, Inc. FIN B-7378. 84/03/29. POHLE, J.A. Division of Waste Management. 2pp. 27488:012.

8411090184 Advises that no technical basis for potential conflict of interest exists w/Geotrans proposal to assist Yakima Indian Nation in hydrogeologic review of BWIP & contract w/NRC re Nevada Nuclear Waste Site Investigations.
KNAPP, M.R. Geotechnical Branch (Post 831001). FIN B-7378. 1025. 84/03/30. SMITH, P.A. Technical Assistance Contracts Branch. 3pp. 27488:014.

8411090191 Forwards first draft site technical position (STP) for Paradox Basin, STP based on comments & revised issues.
WINTER, G. Williams & Associates. FIN B-7389. 1163. 84/05/01.
COOKE, B. Division of Waste Management. 8pp. 27488:017.

8411090192 Submits summary of 840419 "kickoff" meeting w/NRC in Silver Spring, MD for NRC-02-84-001. Agenda encl.
MURPHY, V.J. Weston Geophysical Corp. FIN D-1003. 1147. 84/05/04.
RICE, B. J. Division of Waste Management. 3pp. 27489:055.

8411090196 Forwards first draft site technical position (STP) on Palo Duro Basin, STP based on comments & revised issues.
WINTER, G. Williams & Associates. FIN B-7389. 1181. 84/04/24.
COOKE, B. Division of Waste Management. 8pp. 27488:025.

8411090202 "Reviewing Hydrogeologic Investigations of Bedded & Dome Salt Basins - Project A." 7th monthly progress rept for June 1984.
WINTER, G. Williams & Associates. FIN B-7389-3. 1305. 84/07/05.
COOKE, B. Division of Waste Management. 9pp. 27488:033.

8411090207 Comments on monthly progress rept for May 1984. Draft issues site technical positions & trip rept of 840514-18 NRC/DOE Salt hydrology meeting satisfactory. Draft Salt environ assessments will be provided for review.
COOKE, B.A. Geotechnical Branch (Post 831001). FIN B-7389. 1310. 84/06/25. WILLIAMS, R.E. Williams & Associates. 2pp. 27488:042.

8411090212 Forwards marked-up copy of draft "State-of-the-Art Assessment of Large Diameter Nuclear Waste Emplacement Holes." Rept acceptable but should be reformatted.
TAKITSKY, D.H. Engineering Branch (Post 831001). FIN B-6934. 1301. 84/07/02. THIMONS, E. Interior, Dept. of, Bureau of Mines. 320pp. 27488:044.

8411090220 "Draft Staff Technical Position on Repository Environ Parameters Relevant to Assessing Performance of High Level Waste Packages." review draft.
CLAIBORNE, H.C., CROFF, A.O., GRIESS, J.C. Oak Ridge National Laboratory. FIN B-0288. 84/05/15. NRC - No Detailed Affiliation Given. 120pp. 27486:193.

8411090227 "Lab Evaluation of DOE Radionuclides Solubility Data & Selected Retardation Parameters, Experimental Strategies, Lab Techniques & Procedures." monthly progress rept for June 1984.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 1303. 84/07/09. STARNER, R.J. Geotechnical Branch (Post 831001). 81pp. 27486:313.

8411090234 Comments on NUREG-1076 "Draft Technical Position on Repository Environ Parameters Relevant to Assessing Performance of High Level Waste Packages." per 840606 request. Rept adequately summarizes important parameters.
CONTI, E.F. Waste Management Branch (post 840429). FIN B-0288. 1247. 84/07/03. BARRETT, L.H. Engineering Branch (Post 831001). 3pp. 27487:032.

8411090244 Forwards comments on final draft rept for Task 5, "Performance of Engineered Barriers in Deep Geologic Repository for High Level Waste: Finding & Regulatory Guidance." Executive summary should be added.
PITTIOLLO, C.L. Repository Projects Branch (Post 831001). FIN B-6986. NRC-02-81-027. 84/07/12. PENTZ, D. Golder Associates. 18pp. 27487:035.

--8411090250 Requests extension to 840715, of NRC-02-81-027, to allow delivery of final review, revs & publications.
PENTZ, D.L. Golder Associates. FIN B-6986. NRC-02-81-027. 84/05/07. UMBEL, D. Technical Assistance Contracts Branch. 2pp. 27487:054.

8411090246 Submits first phase of two-phased review of geologic mapping of Hanford, WA BWIP. Rept on review & compiling of geologic mapping encl. Based on available data, field exam of five critical areas w/Rockwell Hanford staff recommended.
REA, P.W. Army, Dept. of, Corps of Engineers. FIN B-6935. NRC-02-81-036. 84/09/12. Division of Waste Management. 19pp. 27418:340.

8411090257 "Technical Assistance for Design Reviews." monthly progress rept for May 1984.
* Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/06/21. NRC - No Detailed Affiliation Given. 2pp. 27487:078.

8411090262 Comments on Mar 1984 monthly progress rept for FIN B-7372 Task 4 products satisfactory. Attendance at 840611 prework meeting requested. Mar 1984 charge for G Winters effort needs justification.
GORDON, M. Geotechnical Branch (Post 831001). FIN B-7372. 1179. 84/04/24. WILLIAMS, R.E. Williams & Associates. 2pp. 27487:076.

8411090264 "Benchmarking of Computer Codes & Licensing Assistance." monthly ltr progress rept for Apr 1984.
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. 1287. 84/05/18. BROOKS, P. Division of Waste Management. 10pp. 27487:058.

8411090266 Submits SD-BWI-TI-176, "Effects on Drilling Fluid Invasion on Hydraulic Characterization of Low Permeability Basalt Horizons - Field Evaluation."
WINTER, G.V., WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1285. 84/06/21. GORDON, M. Division of Waste Management. 8pp. 27487:068.

8411090272 Notes that Rockwell has not started RRL-2B pumping well for large-scale test at RRL-2 site. Test plans & workshop assume that well would be started in Nov 1983 & completed in FY85.
WILLIAMS, R.E. Williams & Associates. FIN B-7372-3. 1177. 84/04/27. GORDON, M. Division of Waste Management. 3pp. 27489:092.

8411090290 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation." 22nd monthly progress rept for Apr 1984.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1158. 84/05/01. GORDON, M. Division of Waste Management. 12pp. 27489:042.

8411090298 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation." 23rd monthly progress rept for May 1984.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1234. 84/06/05. GORDON, M. Division of Waste Management. 13pp. 27490:334.

NONDOCKETED ITEMS

8411090301 Forwards Vols 1 & 2 to draft rept. "Benchmarking of Flow & Transport Codes for Licensing Assistance." Rept complete except for resolution of Problem 5.3, which will be finished & submitted to NRC within 2 wks. FIN B-6985. 1274. 84/03/17. MILLS, M.T. CorSTAR Research, Inc. Division of Waste Management. 1p. 27489:148.

--8411090306 Vols 1 & 2 to "Benchmarking of Flow & Transport Codes for Licensing Assistance." draft rept. * CorSTAR Research, Inc. * Geotrans, Inc. FIN B-6985. NRC-02-81-026. 84/03/17. Division of Waste Management. 320pp. 27489:149.

8411090312 Discusses packer-seal compliance effects on vertical hydraulic conductivity testing. Woodward-Clyde tests provide best evidence that pressure changes within packed-off interval must be carefully monitored in compliance testing. WINTER, G. Williams & Associates. FIN B-7372. 1249. 84/06/07. GORDON, M. Division of Waste Management. 9pp. 27489:139.

8411090327 Forwards comments on environ assessment of BWIP rept for Mod 2 to NRC-02-84-002, per 840927 ltr. Article on grouting 700 ft-deep mine also encl. RAJARAM, V. Engineers International, Inc. FIN D-1004. NRC-02-84-002. 84/10/19. BUCKLEY, J. Engineering Branch (Post 831001). 38pp. 27424:105.

8411090341 Comments on Aug 1984 monthly rept for FIN A-1166 "Maint of Computer Programs" & draft proposal for continued funding of contract. Full funding level for FY85 unlikely. CODELL, R. Geotechnical Branch (Post 831001). FIN A-1166. 154B. 84/09/27. CRANWELL, R.M. Sandia Laboratories. 1p. 27424:104.

8411090349 Forwards draft BWIP environ assessment. Requests review for relevance to hydrology & refs that NRC should obtain. Level of effort required for review also requested. Requests status by 840731. W/o encl. GORDON, M.J. Geotechnical Branch (Post 831001). FIN B-7372. 1350. 84/07/13. WILLIAMS, R.E. Williams & Associates. 1p. 27483:304.

8411090352 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation." trip of 840611-14 BWIP Hydrology Workshop in Gaithersburg, MD. WINTER, G. WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1284. 84/06/21. GORDON, M. Division of Waste Management. 27pp. 27483:305.

8411090354 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation." 24th monthly progress rept for June 1984. WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1306. 84/07/05. GORDON, M. Division of Waste Management. 6pp. 27483:332.

8411090356 Comments on draft quarterly progress rept for FIN B-0290. "Progress in Evaluation of Radionuclide Geochemical Info Developed by DOE High Level Nuclear Waste Repository Site Projects: Vol 3, Apr-June 1984." BRADBURY, J.W. Geotechnical Branch (Post 831001). FIN B-0290. 1371. 84/10/12. WHATLEY, S.K. Oak Ridge National Laboratory. 44pp. 27424:060.

8411090357 Comments on GeoTrans memo. "Correction of Measured Heads for Temp Effects." Mathematical work compatible w/other published work. NRC should consider installing downhole pressure measuring devices in all boreholes. WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1302. 84/06/28. GORDON, M. Division of Waste Management. 8pp. 27483:338.

8411090362 Comments on outline for site technical position entitled: "Interpretation of Hydrogeologic Tests in Deep Boreholes Using Data Obtained by Unhole Techniques." New items re thermal/gas effects & viscosity variations should be added. WINTER, G. WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1316. 84/06/25. GORDON, M. Division of Waste Management. 2pp. 27483:346.

8411090369 Requests review of GeoTrans rept. "Correction of Measured Heads for Temp & Pressure Effects." under Subtask 4.1. Review requested within 11 days of ltr receipt. GORDON, M. Geotechnical Branch (Post 831001). FIN B-7372. 1333. 84/07/03. WILLIAMS, R. Williams & Associates. 2pp. 27483:348.

8411090375 Forwards condensed write-ups of mods to problems provided by contractors to show recent mods to benchmark problems described in "Benchmark Problems for Repository Siting Models." (NUREG/CR-3097). W/o encl. JOHNSON, R.L. Repository Projects Branch (Post 831001). FIN B-4985. 1186. 84/04/23. CASEY, L. Energy Dept. of. 1p. 27483:350.

8411090379 Comments on monthly progress rept for Mar 1984 re FIN B-7377. Progress to date satisfactory. Draft environ assessment expected on or about 840901. Hydrogeology workshop scheduled for wk of 840618 in Denver, CO. POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7377. NRC-02-82-046. 84/04/27. WILLIAMS, R.E. Williams & Associates. 3pp. 27483:351.

8411090385 Comments on monthly progress rept for May 1984 re FIN B-7377. Progress to date to be discussed after Denver meeting. Followup of hydraulic testing techniques of deep drill holes needed. POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7377. NRC-02-82-046. 84/06/27. WILLIAMS, R.E. Williams & Associates. 2pp. 27483:354.

8411090391 Forwards completed well logs for seven addl test holes compiled for Nevada Nuclear Waste Site Investigations project & list of publications reviewed. BUSS, D.R. Geotrans, Inc. FIN B-7378-4. NRC-02-82-047. 84/07/11. POHLE, J.A. Division of Waste Management. 33pp. 27483:356.

8411090395 Forwards "Lab Evaluation of DOE Radionuclide Solubility Data." monthly progress rept for May 1984. Mathematical description of column chromatography & computer-simulated elution profiles also encl. WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 1210. 84/06/11. STARMER, R.J. Geotechnical Branch (Post 831001). 2pp. 27484:027.

8411090403 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters. Experimental Strategic Lab Techniques & Procedures." monthly progress rept for May 1984. WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 84/06/11. STARMER, R.J. Geotechnical Branch (Post 831001). 138pp. 27484:0.

8411090410 "Technical Assistance for Design Reviews." monthly progress rept for Apr 1984. RAJARAM, V. Engineers International, Inc. FIN B-7328. NRC-02-82-030. 84/03/17. TIKTINSKY, D. Engineering Branch (Post 831001). 4pp. 27484:163.

8411090414 "Hydrogeology of NTB, Project D." Monthly Ltr 54 progress rept for June 1984. BUSS, D.R. Geotrans, Inc. FIN B-7378-4. NRC-02-82-047. 84/07/11. Engineering Branch (Post 831001). 15pp. 27484:169.

8411090417 Trip rept of site visit to ORNL for technical assistance to work on final version of solubility generic technical position. STARMER, R.J. Geotechnical Branch (Post 831001). FIN B-0287. 11. 84/06/23. KNAPP, M.R. Geotechnical Branch (Post 831001). 22pp. 27484:184.

8411090425 Forwards "Request for Tuff & Groundwater Matls From Yucca Mountain." Ltr Rept L-290-6. Matl required prior to initiation of evaluation of radionuclide sorption & solubility info being developed by LASL. WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 1219. 84/05/22. STARMER, R.J. Geotechnical Branch (Post 831001). 1p. 27484:206.

--8411090431 "Request for Tuff & Groundwater Matls From Yucca Mountain." Ltr Rept L-290-6. KELLERS, A.D. Oak Ridge National Laboratory. FIN B-0290. 84/05/22. NRC - No Detailed Affiliation Given. 2pp. 27484.

8411090434 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters. Experimental Strategic Lab Techniques & Procedures." monthly progress rept for Mar 1984. WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 793. 84/03/31. NRC - No Detailed Affiliation Given. 16pp. 27484.

8411090443 Forwards recommendations for dealing w/unavailability of SPECTROM 11 & 41 computer codes, per DW Lamb 841012 & AL Scott 840924 ltrs. VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-006. 84/10/15. BROOKS, P. Division of Waste Management. 5pp. 27484.

8411090447 Discusses review of ORNL data on leaching of Ph-Pe glass reported in "Science." Phosphate glass superior to German glass in terms of resistance to devitrification. SOO, P. Brookhaven National Laboratory. FIN A-3167. 1582. 84/10/22. WICK, E.A. High Level Waste Licensing Management Branch. 2pp. 27422:344.

NONDOCKETED ITEMS

451

8411090451 Provides summary of work being performed on development of data base sys for nuclear waste repositories & comments on value of developing computerized data base.
SULLIVAN, T. Brookhaven National Laboratory. FIN A-3164. 1584.
84/10/19. WICK, E.A. High Level Waste Licensing Management Branch. 3pp. 27422:341.

8411090454 "BWIP Hydrogeology," monthly progress rept for Sept 1984.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/10/17.
GORDON, M. Division of Waste Management. 2pp. 27422:339.

8411090462 Comments on monthly progress rept for Aug 1984. Progress to date satisfactory.
POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7378.
NRC-02-82-047. 84/09/20. BUSS, D.R. Geotrans, Inc. 2pp. 27422:328.

8411090508 "Geochemistry of Environ Near High Level Nuclear Waste Repository," conference trip rept on 840909-14.
WHITLEY, S.K. Oak Ridge National Laboratory. FIN B-0287. 1956.
84/09/25. BROOKS, D.J. Geotechnical Branch (Post 831001). 19pp. 27424:284.

8411102031 Forwards data obtained from DOE during 840124-26 data review visit for hydrofracturing test review.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/01/31. SEAMANS, T. Engineering Branch (Post 831001). 49pp. 27457:105.

8411102082 "Benchmarking of Computer Codes & Licensing Assistance," monthly ltr progress rept for Feb 1984.
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026.
84/03/15. FEHRINGER, D. Division of Waste Management. 6pp. 27452:324.

8411102088 Comments on "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly rept for Dec 1983. NRC should receive preliminary draft on drilling & tunneling technology.
TIKTINSKY, D.H. Engineering Branch (Post 831001). FIN B-6934.
NRC-02-80-075. 84/02/14. AMEY, E. Interior, Dept. of, Bureau of Mines. 2pp. 27453:191.

8411290527 Forwards trip rept re attendance at NRC geology data reviews in Menlo Park, CA & Denver, CO & 840910-19 NRC review of environ assessment drafts in Washington, DC.
CHUNG, D.H. Lawrence Livermore National Laboratory. FIN A-0294.
1999. 84/10/23. BLACKFORD, M.E. Division of Waste Management. 6pp. 27499:337.

EXPORT LIC EXPORT AND IMPORT LICENSES

8411020101 Amend 2 to OE export license, increasing enrichment to 4.0 w/o max & adding Empresa Nacional del Uranio as intermediate consignee for fabrication svcs.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. BDW-074-84. 84/10/24. 1p. 27263:131.

8411020194 Amend 1 to OE export license, increasing enrichment to 4.0 w/o max & adding Empresa Nacional del Uranio for fabrication svcs.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. BDW 80-006. 84/10/24. 1p. 27263:155.

8411020205 Amend 4 to Westinghouse export license, adding Empresa Nacional Del Uranio as addl intermediate consignee.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. MMH-354. 84/10/24. 1p. 27263:154.

8411020221 Amend 1 to Westinghouse export license, extending expiration date to 851030.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. ZE-10552. 84/10/22. 1p. 27263:153.

8411020240 Application for license to export electrical penetration parts to Sweden.
HEETHER, W.H. Westinghouse Electric Corp. ZE20713. 84/10/22. 1p. 27263:150.

8411020294 License for Sandvik Special Metals to export 500 lbs Zircaloy-4 trex & tubing to Sweden.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. D3-20-0. 84/10/22. 1p. 27263:149.

8411020346 Advises that Sandvik Special Metals license to export 500 lbs Zircaloy-4 trex & tubing to Sweden, issued w/o normal 15-day waiting period.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. 84/10/22. Assistant Director for Export/Import & International Safeguards. 1p. 27261:357.

8411030303 Application for license to export 500 lb Zircaloy-4 Trex & tubing to Sweden.
NICKOLAUS, J.W. Sandvik Special Metals Corp. D3-20-0. 84/10/22.
HEMBY, E. Assistant Director for Export/Import & International Safeguards. 2pp. 27289:342.

8411030447 License for Reactor Experiments, Inc to export 165.0 mg Np-237, as NPD in ceramic wire, encapsulated in vanadium capsules & welded shut, to Japan.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. J-2907. 84/10/24. 1p. 27289:351.

8411030453 License for Westinghouse to export miscellaneous specially designed or prepared parts & components, including Inconel grids, top & bottom nozzles springs, screws, stainless steel pins & Zircaloy guide tubes, to Spain.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. MMH-330. 84/10/24. 1p. 27289:350.

8411070173 Advises that Sandvik Special Metals 841023 application to export Zr-4 hollow tubes to Sweden & West Germany approved w/o normal 15-day waiting period.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. 84/10/26. Assistant Director for Export/Import & International Safeguards. 1p. 27387:351.

8411070195 Application for license to export 10,000 lbs Zr-4 hollows to Belgium.
NICKOLAUS, J.W. Sandvik Special Metals Corp. SSM-41202. 84/10/23. 1p. 27388:300.

8411070223 Application for amend to license to import 89,809 kg U, as fuel rods, containing max of 2,964 kg U-235, from Sweden.
HERSCH, M.M. Westinghouse Electric Corp. MMH-571. 84/10/22.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. 2pp. 27388:278.

8411070232 Application for license to export 89,809 kg U, as UF6 gas, to Sweden.
HERSCH, M.M. Westinghouse Electric Corp. MMH-570. 84/10/19. 1p. 27388:271.

8411070237 Advises that Edlow Intl appointed to act on UKAEA behalf as applicant in US to export highly enriched U.
COCK, D. United Kingdom Atomic Energy Authority. CCM 503/1. 84/10/02. Office of the Secretary of the Commission. 1p. 27388:181.

--8411070242 Advises that UKAEA authorized to act for Australian AEC in application to export 17.3 kg highly enriched U.
WALKER, D.G. Australia, Govt. of. LHC 1440/7. 84/09/13. Office of the Secretary of the Commission. 1p. 27388:182.

--8411070243 Advises that Edlow Intl Co retained by UKAEA to manage export of 60% enriched U on behalf of Australian AEC.
EDLOW, J. Edlow International Co. 84/10/11. WRIGHT, B. Assistant Director for Export/Import & International Safeguards. 1p. 27388:183.

--8411070252 Forwards Australian AEC (AAEC) 840913 ltr authorizing UKAEA to act on behalf of AAEC re application to export highly enriched U under License XSNM-2139. Edlow Intl will submit license transfer application.
SAVAGE, E.N. Australia, Govt. of. 208/14/8. 84/09/24. WRIGHT, B. NRC - No Detailed Affiliation Given. 1p. 27388:184.

--8411070269 Submits clarification of Paragraph 25 on Page 3 of Attachment 2 to 840411 export license application for highly enriched U. UKAEA will be required to dilute highly enriched U to 80%.
SAVAGE, E.N. Australia, Govt. of. 208/14/8. 84/07/31. WRIGHT, B. Assistant Director for Export/Import & International Safeguards. 1p. 27388:186.

8411070270 Withdraws 840619 application for license to export depleted UO2 to Canada.
HERSCH, M.M. Westinghouse Electric Corp. MMH-567. 84/10/17.
ZIMMERMAN, J.V. Assistant Director for Export/Import & International Safeguards. 1p. 27388:084.

8411070281 Application for license to export Model RS-P6-160B-110 fission counter to Japan.
FOWELL, C.S. Reuter-Stokes, Inc. C-0420. 84/10/18. 1p. 27388:050.

8411070297 Application to amend license to export, changing DOE contract number.
HANNETT, B.A. Transnuclear, Inc. (RBU-425). 84/10/22. WRIGHT, B. NRC - No Detailed Affiliation Given. 1p. 27388:006.

NONDOCKETED ITEMS

- 8411090301 Forwards Vols 1 & 2 to draft rept, "Benchmarking of Flow & Transport Codes for Licensing Assistance." Rept complete except for resolution of Problem 5.3, which will be finished & submitted to NRC within 2 wks.
MILLS, M.T. CorSTAR Research, Inc. FIN B-6985. 1274. 84/05/17.
BROOKS, P. Division of Waste Management. 1p. 27489:148.
- 8411090306 Vols 1 & 2 to "Benchmarking of Flow & Transport Codes for Licensing Assistance," draft rept.
* CorSTAR Research, Inc. * Geotrans, Inc. FIN B-6985.
NRC-02-81-026. 84/05/17. Division of Waste Management. 520pp.
27489:149.
- 8411090312 Discusses packer-sys compliancy effects on vertical hydraulic conductivity testing. Woodward-Clyde tests provide best evidence that pressure changes within packed-off interval must be carefully monitored in compliance testing.
WINTER, O. Williams & Associates. FIN B-7372. 1249. 84/06/07.
GORDON, M. Division of Waste Management. 9pp. 27489:139.
- 8411090327 Forwards comments on environ assessment of BWIP rept for Mod 2 to NRC-02-84-002, per 840927 ltr. Article on grouting 700 ft-deep mine also encl.
RAJARAM, V. Engineers International, Inc. FIN D-1004.
NRC-02-84-002. 84/10/19. BUCKLEY, J. Engineering Branch (Post 831001). 38pp. 27424:105.
- 8411090341 Comments on Aug 1984 monthly rept for FIN A-1166 "Maint of Computer Programs" & draft proposal for continued funding of contract. Full funding level for FY85 unlikely.
CODELL, R. Geotechnical Branch (Post 831001). FIN A-1166. 1548.
84/09/27. CRANWELL, R.M. Sandia Laboratories. 1p. 27424:104.
- 8411090349 Forwards draft BWIP environ assessment. Requests review for relevance to hydrology & refs that NRC should obtain. Level of effort required for review also requested. Requests status by 840731. W/o encl.
GORDON, M. J. Geotechnical Branch (Post 831001). FIN B-7372. 1350.
84/07/13. WILLIAMS, R.E. Williams & Associates. 1p. 27483:304.
- 8411090352 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," trip of 840611-14 BWIP Hydrology Workshop in Gaithersburg, MD.
WINTER, O., WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1284.
84/06/21. GORDON, M. Division of Waste Management. 27pp.
27483:303.
- 8411090354 "Reviewing Hydrogeologic Investigations of Basalt Waste Isolation," 24th monthly progress rept for June 1984.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1306. 84/07/05.
GORDON, M. Division of Waste Management. 6pp. 27483:332.
- 8411090356 Comments on draft quarterly progress rept for FIN B-0290, "Progress in Evaluation of Radionuclide Geochemical Info Developed by DOE High Level Nuclear Waste Repository Site Projects: Vol 3, Apr-June 1984."
BRADBURY, J.W. Geotechnical Branch (Post 831001). FIN B-0290. 1571.
84/10/12. WHATLEY, S.K. Oak Ridge National Laboratory. 44pp.
27424:060.
- 8411090357 Comments on GeoTrans memo, "Correction of Measured Heads for Temp Effects." Mathematical work compatible w/other published work. NRC should consider installing downhole pressure measuring devices in all boreholes.
WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1302. 84/06/28.
GORDON, M. Division of Waste Management. 8pp. 27483:338.
- 8411090362 Comments on outline for site technical position entitled, "Interpretation of Hydrogeologic Tests in Deep Boreholes Using Data Obtained by Uphole Techniques." New items re thermal/gas effects & viscosity variations should be added.
WINTER, O., WILLIAMS, R.E. Williams & Associates. FIN B-7372. 1316.
84/06/25. GORDON, M. Division of Waste Management. 2pp. 27483:346.
- 8411090369 Requests review of GeoTrans rept, "Correction of Measured Heads for Temp & Pressure Effects," under Subtask 4.1. Review requested within 11 days of ltr receipt.
GORDON, M. Geotechnical Branch (Post 831001). FIN B-7372. 1333.
84/07/03. WILLIAMS, R. Williams & Associates. 2pp. 27483:348.
- 8411090375 Forwards condensed write-ups of mods to problems provided by contractors to show recent mods to benchmark problems described in "Benchmark Problems for Repository Siting Models," (NUREG/CR-3097). W/o encl.
JOHNSON, R.L. Repository Projects Branch (Post 831001). FIN B-6985.
1186. 84/04/23. CASEY, L. Energy Dept. of. 1p. 27483:350.
- 8411090379 Comments on monthly progress rept for Mar 1984 re FIN B-7377. Progress to date satisfactory. Draft environ assessment expected on or about 840901. Hydrogeology workshop scheduled for wk of 840618 in Denver, CO.
POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7377.
NRC-02-82-046. 84/04/27. WILLIAMS, R.E. Williams & Associates. 3pp. 27483:351.
- 8411090385 Comments on monthly progress rept for May 1984 re FIN B-7377. Progress to date to be discussed after Denver meeting. Followup of hydraulic testing techniques of deep drill holes needed.
POHLE, J.A. Geotechnical Branch (Post 831001). FIN B-7377.
NRC-02-82-046. 84/06/27. WILLIAMS, R.E. Williams & Associates. 2pp. 27483:354.
- 8411090391 Forwards completed well logs for seven addl test holes compiled for Nevada Nuclear Waste Site Investigations project & list of publications reviewed.
BUSS, D.R. Geotrans, Inc. FIN B-7378-4. NRC-02-82-047. 84/07/18.
POHLE, J.A. Division of Waste Management. 33pp. 27483:356.
- 8411090395 Forwards "Lab Evaluation of DOE Radionuclide Solubility Data..." monthly progress rept for May 1984. Mathematical description of column chromatography & computer-simulated elution profiles also encl.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 1210.
84/06/11. STARMER, R.J. Geotechnical Branch (Post 831001). 2pp. 27484:027.
- 8411090403 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategies... Techniques & Procedures," monthly progress rept for May 1984.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 84/06/08.
STARMER, R.J. Geotechnical Branch (Post 831001). 138pp. 27484:029.
- 8411090410 "Technical Assistance for Design Reviews," monthly progress rept for Apr 1984.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/05/17. TIKTINSKY, D. Engineering Branch (Post 831001). 4pp. 27484:165.
- 8411090414 "Hydrogeology of NTS, Project D," Monthly Ltr 54 progress rept for June 1984.
BUSS, D.R. Geotrans, Inc. FIN B-7378-4. NRC-02-82-047. 84/07/12.
Engineering Branch (Post 831001). 15pp. 27484:169.
- 8411090417 Trip rept of site visit to ORNL for technical assistance & to work on final version of solubility generic technical position.
STARMER, R.J. Geotechnical Branch (Post 831001). FIN B-0287. 1300.
84/06/25. KNAPP, M.R. Geotechnical Branch (Post 831001). 22pp. 27484:184.
- 8411090425 Forwards "Request for Tuff & Groundwater Matls From Yucca Mountain," Ltr Rept L-290-6. Matl required prior to initiation of evaluation of radionuclide sorption & solubility info being developed by LASL.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 1219.
84/05/22. STARMER, R.J. Geotechnical Branch (Post 831001). 1p. 27484:206.
- 8411090431 "Request for Tuff & Groundwater Matls from Yucca Mountain," Ltr Rept L-290-6.
KELMERS, A.D. Oak Ridge National Laboratory. FIN B-0290.
84/05/22. NRC - No Detailed Affiliation Given. 2pp. 27484:207.
- 8411090434 "Lab Evaluation of DOE Radionuclide Solubility Data & Selected Retardation Parameters, Experimental Strategic Lab Techniques & Procedures," monthly progress rept for Mar 1984.
WHATLEY, S.K. Oak Ridge National Laboratory. FIN B-0290. 953.
84/03/31. NRC - No Detailed Affiliation Given. 16pp. 27484:209.
- 8411090443 Forwards recommendations for dealing w/unavailability of SPECTROM 11 & 41 computer codes, per DW Lamb 841012 & AL Scott 840924 ltrs.
VOGT, D.K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026.
84/10/15. BROOKS, P. Division of Waste Management. 3pp. 27422:346.
- 8411090447 Discusses review of ORNL data on leaching of Pb-Fe phosphate glass reported in "Science." Phosphate glass superior to German glass in terms of resistance to devitrification.
SOD, P. Brookhaven National Laboratory. FIN A-3167. 1582.
84/10/22. WICK, E.A. High Level Waste Licensing Management Branch. 2pp. 27422:344.

NONDOCKETED ITEMS

451

8411090451 Provides summary of work being performed on development of data base sys for nuclear waste repositories & comments on value of developing computerized data base.
SULLIVAN, T. Brookhaven National Laboratory. FIN A-3164. 1984.
84/10/19. WICK, E. A. High Level Waste Licensing Management Branch. 3pp. 27422:341.

8411090454 "BWIP Hydrogeology," monthly progress rept for Sept 1984.
ROWE, J. Golder Associates. FIN B-7373. NRC-02-82-045. 84/10/17.
GORDON, M. Division of Waste Management. 2pp. 27422:339.

8411090462 Comments on monthly progress rept for Aug 1984. Progress to date satisfactory.
POHLE, J. A. Geotechnical Branch (Post 831001). FIN B-7378.
NRC-02-82-047. 84/09/20. BUSS, D. R. Geotrans, Inc. 2pp. 27422:328.

8411090508 "Geochemistry of Environ Near High Level Nuclear Waste Repository," conference trip rept on 840909-14.
WHITLEY, S. K. Oak Ridge National Laboratory. FIN B-0287. 1986.
84/09/25. BROOKS, D. J. Geotechnical Branch (Post 831001). 19pp. 27424:284.

8411120231 Forwards data obtained from DOE during 840124-26 data review visit for hydrofracturing test review.
RAJARAM, V. Engineers International, Inc. FIN B-7328.
NRC-02-82-030. 84/01/31. SEAMANS, T. Engineering Branch (Post 831001). 49pp. 27457:105.

8411120282 "Benchmarking of Computer Codes & Licensing Assistance," monthly ltr progress rept for Feb 1984.
VOGT, D. K. CorSTAR Research, Inc. FIN B-6985. NRC-02-81-026.
84/03/15. FEHRINGER, D. Division of Waste Management. 6pp. 27452:324.

8411120288 Comments on "State-of-the-Art Assessment of Large Diameter Horizontal Nuclear Waste Emplacement Holes," monthly rept for Dec 1983. NRC should receive preliminary draft on drilling & tunneling technology.
TIKTINSKY, D. H. Engineering Branch (Post 831001). FIN B-6934.
NRC-02-80-075. 84/02/14. AMEY, E. Interior, Dept. of, Bureau of Mines. 2pp. 27453:191.

8411290527 Forwards trip rept re attendance at NRC geology data reviews in Menlo Park, CA & Denver, CO & 840910-19 NRC review of environ assessment drafts in Washington, DC.
CHUNG, D. H. Lawrence Livermore National Laboratory. FIN A-0294.
1999. 84/10/23. BLACKFORD, M. E. Division of Waste Management. 6pp. 27699:337.

EXPORT LIC EXPORT AND IMPORT LICENSES

8411020101 Amend 2 to GE export license, increasing enrichment to 4.0 w/o max & adding Empresa Nacional del Uranio as intermediate consignee for fabrication svcs.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. BDW-074-84. 84/10/24. 1p. 27263:131.

8411020194 Amend 1 to GE export license, increasing enrichment to 4.0 w/o max & adding Empresa Nacional del Uranio for fabrication svcs.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. BDW 80-006. 84/10/24. 1p. 27263:155.

8411020205 Amend 4 to Westinghouse export license, adding Empresa Nacional Del Uranio as addl intermediate consignee.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. MMH-354. 84/10/24. 1p. 27263:154.

8411020221 Amend 1 to Westinghouse export license, extending expiration date to 831030.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. ZE-10552. 84/10/22. 1p. 27263:153.

8411020240 Application for license to export electrical penetration parts to Sweden.
HEETHER, W. H. Westinghouse Electric Corp. ZE20713. 84/10/22. 1p. 27263:150.

8411020294 License for Sandvik Special Metals to export 500 lbs Zircaloy-4 trex & tubing to Sweden.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. D3-20-G. 84/10/22. 1p. 27263:149.

8411020346 Advises that Sandvik Special Metals license to export 500 lbs Zircaloy-4 trex & tubing to Sweden, issued w/o normal 15-day waiting period.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 84/10/22. Assistant Director for Export/Import & International Safeguards. 1p. 27261:357.

8411030303 Application for license to export 500 lb Zircaloy-4 Trex & tubing to Sweden.
NICKOLAUS, J. W. Sandvik Special Metals Corp. D3-20-G. 84/10/22.
HEMBY, E. Assistant Director for Export/Import & International Safeguards. 2pp. 27289:342.

8411030447 License for Reactor Experiments, Inc to export 165.0 mg Np-237, as NPO in ceramic wire, encapsulated in vanadium capsules & welded shut, to Japan.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. J-2907. 84/10/24. 1p. 27289:351.

8411030453 License for Westinghouse to export miscellaneous specially designed or prepared parts & components, including Inconel grids, top & bottom nozzles springs, screws, stainless steel pins & Zircaloy guide tubes, to Spain.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. MMH-330. 84/10/24. 1p. 27289:350.

8411070173 Advises that Sandvik Special Metals 841023 application to export Zr-4 hollow tubes to Sweden & West Germany approved w/o normal 15-day waiting period.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 84/10/26. Assistant Director for Export/Import & International Safeguards. 1p. 27387:351.

8411070195 Application for license to export 10,000 lbs Zr-4 hollows to Belgium.
NICKOLAUS, J. W. Sandvik Special Metals Corp. SSM-41202. 84/10/23. 1p. 27388:300.

8411070223 Application for amend to license to import 89,809 kg U as fuel rods, containing max of 2,964 kg U-235, from Sweden.
HERSCH, M. M. Westinghouse Electric Corp. MM-H571. 84/10/22.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 2pp. 27388:278.

8411070232 Application for license to export 89,809 kg U as UF6 gas, to Sweden.
HERSCH, M. M. Westinghouse Electric Corp. MMH-570. 84/10/19. 1p. 27388:271.

8411070237 Advises that Edlow Intl appointed to act on UKAEA behalf as applicant in US to export highly enriched U.
COCK, D. United Kingdom Atomic Energy Authority. CDM 503/1. 84/10/02. Office of the Secretary of the Commission. 1p. 27388:181.

--8411070242 Advises that UKAEA authorized to act for Australian AEC in application to export 17.3 kg highly enriched U.
WALKER, D. G. Australia, Govt. of. LHC 1440/7. 84/09/13. Office of the Secretary of the Commission. 1p. 27388:182.

--8411070243 Advises that Edlow Intl Co retained by UKAEA to manage export of 60% enriched U on behalf of Australian AEC.
EDLOW, J. Edlow International Co. 84/10/11. WRIGHT, B. Assistant Director for Export/Import & International Safeguards. 1p. 27388:183.

--8411070252 Forwards Australian AEC (AAEC) 840913 ltr authorizing UKAEA to act on behalf of AAEC re application to export highly enriched U under License XSNM-2139. Edlow Intl will submit license transfer application.
SAVAGE, E. N. Australia, Govt. of. 208/14/8. 84/09/24. WRIGHT, B. NRC - No Detailed Affiliation Given. 1p. 27388:184.

--8411070269 Submits clarification of Paragraph 25 on Page 3 of Attachment 2 to 840411 export license application for highly enriched U. UKAEA will be required to dilute highly enriched U to 80%.
SAVAGE, E. N. Australia, Govt. of. 208/14/8. 84/07/31. WRIGHT, B. Assistant Director for Export/Import & International Safeguards. 1p. 27388:186.

8411070270 Withdraws 840619 application for license to export depleted UO2 to Canada.
HERSCH, M. M. Westinghouse Electric Corp. MMH-567. 84/10/17.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 1p. 27388:084.

8411070281 Application for license to export Model RS-P6-1608-110 fission counter to Japan.
POWELL, C. S. Reuter-Stokes, Inc. C-0420. 84/10/18. 1p. 27388:050.

8411070297 Application to amend license to export, changing DOE contract number.
HANNETT, B. A. Transnuclear, Inc. (RBU-425). 84/10/22. WRIGHT, B. NRC - No Detailed Affiliation Given. 1p. 27388:006.

NONDOCKETED ITEMS

- 8411070301 Application to amend license to export non-fuel bearing fuel rod & fuel assembly components to United Kingdom.
HERSCH, M. M. Westinghouse Electric Corp. MMH-572. 84/10/22.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 2pp. 27388:004.
- 8411070306 License for Sandvik Special Metals Corp to export 10,000 lbs Zr-4 hollows to Belgium.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. SSM-41202. 84/10/26. 1p. 27388:003.
- 8411080392 Application for license to export 360 Zircaloy-4 guide thimble tubes & 20 Zircaloy-4 instrument tubes to Japan.
NICKOLAUS, J. W. Sandvik Special Metals Corp. SSM-41152/53. 84/10/25. 1p. 27405:276.
- 8411080394 Application for license to export miscellaneous specially designed or prepared parts & components to Spain.
WILSON, B. D. General Electric Co. BDW-149-84. 84/10/22. 1p. 27405:275.
- 8411090141 Application for amend to export license, increasing zirconium tubing to 400 pieces.
WILSON, B. D. General Electric Co. BDW-148-84. 84/10/22. HEMBY, E. D. Office of International Programs, Director. 1p. 27424:197.
- 8411130177 Application for license to export one ion chamber to Canada.
HEETHER, W. H. Westinghouse Electric Corp. VZA00081. 84/10/29. 1p. 27480:142.
- 8411130297 Advises that amend to export license, increasing quantity of zirconium tubing authorized for export to 400 pieces issued w/o normal 15-day waiting period.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 84/11/01. Assistant Director for Export/Import & International Safeguards. 1p. 27480:080.
- 8411130341 License for Mitsubishi Intl Corp to import 10 mg U enriched to 63% U-235, from Japan.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 84/10/30. 1p. 27480:035.
- 8411130419 Application to amend import license, extending expiration date to 871231.
WILSON, B. D. General Electric Co. BDW-154-84. 84/10/25.
WRIGHT, B. L. Office of International Programs, Director. 1p. 27472:039.
- 8411130447 Amend 1 to GE export license, extending expiration date to 851231.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. BDW-101-83. 84/11/01. 1p. 27472:028.
- 8411130450 Amend 1 to Brunswick Corp export license, increasing quantity of items to 13 check valves & increasing value of items.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. N40123. 84/11/01. 1p. 27472:027.
- 8411130452 Requests early issuance of amend to export license, per 841022 application.
WILSON, B. D. General Electric Co. BDW-159-84. 84/10/31. MOORE, R. N. Office of International Programs, Director. 1p. 27472:026.
- 8411130457 Amend 3 to GE export license, extending expiration date to 880101.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. BDW-155-84. 84/10/30. 1p. 27472:024.
- 8411130466 Amend 1 to GE export license, increasing quantity of equipment to 400 pieces zirconium tubing authorized for export to West Germany.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. BDW-148-84. 84/11/01. 1p. 27472:017.
- 8411130469 License for EI DuPont de Nemours to export 50 mCi tritium gas to South Korea.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 84/11/01. 1p. 27472:016.
- 8411130478 Amend 4 to GE import license, extending expiration date to 871231.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 84/11/01. 1p. 27472:014.
- 8411130612 Application for amend to export license, extending expiration date to 850331.
WILSON, B. D. General Electric Co. BDW-156-84. 84/10/25. WRIGHT, D. Office of International Programs, Director. 1p. 27471:326.
- 8411140123 Forwards application for license to export 5,934 kg U, as UF₆, to Japan.
NAKAMURA, N. Marubeni America Corp. (subs. of Marubeni Corp.). 84/11/02. WRIGHT, B. L. Assistant Director for Export/Import & International Safeguards. 1p. 27509:354.
- 8411140145 Application for license to export 5,934 kg U, as UF₆, to Japan.
* Marubeni America Corp. (subs. of Marubeni Corp.). ZH0369 (B). 84/11/02. 1p. 27509:355.
- 8411140152 Forwards application for license to export 18,562 kg U, as UF₆, to Japan.
NAKAMURA, N. Marubeni America Corp. (subs. of Marubeni Corp.). 84/11/02. WRIGHT, B. L. Assistant Director for Export/Import & International Safeguards. 1p. 27525:329.
- 8411140155 Application for license to export 554 kg U, as UF₆, to Japan.
* Marubeni America Corp. (subs. of Marubeni Corp.). ZH0369 (A). 84/11/02. 1p. 27525:330.
- 8411140493 License for Nuclear Metals, Inc to export 5,000 kg depleted U, as metal castings, to United Kingdom.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. I-201-7. 84/11/06. 1p. 27526:352.
- 8411140505 Application to amend license to export 217 bars of metal.
MARTIN, G. E. Aerojet Ordnance Co. 150-84-0808. 84/11/02. HEMBY, E. Office of International Programs, Director. 1p. 27526:351.
- 8411140510 Application to amend license to export, increasing quantity of U, adding reactor in West Germany & raising max authorized U enrichment to 5%.
MALODY, C. W. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). 84/11/01. ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 2pp. 27526:329.
- 8411160158 Application for license to import enriched UF₆ from United Kingdom, Netherlands &/or West Germany.
KRATZER, M. B. International Energy Associates, Ltd. 84/10/30.
MOORE, R. N. Office of International Programs, Director. 3pp. 27563:318.
- 8411160163 Application to amend export license, increasing total quantity of U to 27.5 kg, U-235 content to be reduced to 60%.
EDLOW, J. Edlow International Co. 84/11/05. WRIGHT, B. Assistant Director for Export/Import & International Safeguards. 1p. 27561:361.
- 8411160164 Amend 1 to Westinghouse export license, increasing quantity to 2,407 kg U-235 contained in 65,036 kg U, to France.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. MMH-532. 84/11/02. 1p. 27561:360.
- 8411160178 Application for license to export 15,800 pieces Zircaloy-4 fuel cladding & 675 pieces Zircaloy-4 weld monitor tubes to West Germany.
NICKOLAUS, J. W. Sandvik Special Metals Corp. SSM-4123. 84/11/01. 1p. 27561:357.
- 8411160208 License for Westinghouse to export electrical penetration parts to Sweden.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. ZE 20713. 84/11/06. 1p. 27563:341.
- 8411160359 Forwards application to export miscellaneous components to Taiwan.
WILSON, B. D. General Electric Co. BDW-160-84. 84/11/01. HEMBY, E. D. Assistant Director for Export/Import & International Safeguards. 2pp. 27563:343.
- 8411160364 Application for license to export miscellaneous specially designed parts & components to Taiwan.
WILSON, B. D. General Electric Co. BDW-160-84. 84/11/01. 1p. 27563:345.
- 8411160369 Amend 2 to Nissho-Iwai American Corp export license, increasing quantity to 63,299 kg U-235, adding CERCA as intermediate consignee & extending expiration date to 860531.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. MACPJ-2645. 84/11/05. 1p. 27548:363.
- 8411160372 Amend 2 to Nissho-Iwai American Corp export license, increasing quantity to 23,452 kg U-235, adding NUKEM as intermediate consignee & extending expiration date to 870430.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. MACPJ-2646. 84/11/05. 1p. 27548:340.

NONDOCKETED ITEMS

453

841160376 Amend 1 to Nuclear Metals, Inc export license, extending expiration date to 870201.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 1-201-7. 84/11/05. 1p. 27548:339.

841160378 Forwards application to export 20,000 lbs Zircaloy-4 tube hollows to West Germany.
MENTER, L. Sandvik Special Metals Corp. D4-17-276. 84/11/01.
HEMBY, E. Assistant Director for Export/Import & International Safeguards. 1p. 27548:337.

--841160381 Application for license to export 20,000 lbs Zircaloy-4 tube hollows to West Germany.
NICKOLAUS, J. W. Sandvik Special Metals Corp. D4-17-276. 84/11/01. 1p. 27548:338.

841160380 Application for license to export 16.52 mg U-235, enriched to 99.89% U-235, encapsulated in vanadium capsules & welded shut to Japan.
HEIMAN, D. Reactor Experiments, Inc. J-2907-1. 84/10/29. 2pp. 27563:352.

841160386 License for Sandvik Special Metals Corp to export 20,000 lb Zircaloy-4 tube hollows to West Germany.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. D4-17-276. 84/11/05. 1p. 27563:349.

841160391 Advises that license issued to Sandvik Special Metals Corp to export 200,000 lbs Zircaloy-4 tube hollows to West Germany w/o normal 15-day waiting period.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 84/11/05. Assistant Director for Export/Import & International Safeguards. 1p. 27563:348.

841190096 Responds to FOIA request for license documents re Amersham Corp. No company proprietary documents or privacy-related info encl. per talcon agreement. Forwards seven listed licenses & related info.
FELTON, J. M. Division of Rules and Records. 84/01/24. SAVINI, R. J. LIXI, Inc. 1p. 27600:132.

--841190134 Forwards requested info re training & experience of T Finnigan, vendor radiation safety officer for all vendor NRC licenses, as listed.
BAOBY, L. A. Amersham Corp. 06348. 81/12/22. GUINN, P. R. NRC - No Detailed Affiliation Given. App. 27600:164.

8411200296 Forwards Waste Packaging Insp Rept 110-3505/84-01 on 840912. No violations observed.
MARTIN, T. T. Division of Engineering & Technical Programs. 84/11/15.
DANES, F. L. Nuclear Assurance Corp. 2pp. 27571:241.

--8411200302 Waste Packaging Insp Rept 110-3505/84-01 on 840912. No violations noted. Major areas inspected: irradiated fuel shipment at point of origin into US & requirements for shipments.
MARTIN, W. G., KEIMIG, R. R. Region 1, Office of Director. 84/11/07. 3pp. 27571:243.

8411260073 License for Sandvik Special Metals Corp to export 380 Zircaloy-4 guide thimble & instrument tubes to Japan.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. SSM-41152/53. 84/11/14. 1p. 27647:167.

8411260080 License for Sandvik Special Metals Corp to export 1,840 Zircaloy-4 guide & instrument tubes to Japan.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. SSM-41164-41168. 84/11/14. 1p. 27647:159.

8411260089 License for Sandvik Special Metals Corp to export 3,461 Zircaloy-4 guide tubes, instrument tubes, GT lower sleeves, GT corrosion samples & archive samples to Belgium.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. SSM-41189-41192. 84/11/14. 1p. 27647:158.

8411260094 License for Westinghouse to export miscellaneous specially designed or prepared fuel rod & fuel assembly nonfuel bearing components to LWRs in EURATOM countries &/or US.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 84/11/13. 1p. 27647:157.

8411260101 License for GE to export miscellaneous specially designed or prepared parts & components for equipment to Spain.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. BDW-149-84. 84/11/13. 1p. 27647:063.

8411260159 Application to amend export license, changing ultimate consignee, adding Barsebaeck-1 reactor to license & changing max enrichment to 5.0.
MALODY, C. W. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). 84/11/02. ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 1p. 27647:060.

8411260258 Ltr of assurance re export of 270 kg U-235, contained in 7,598 kg U, to Japan.
SHIRAKAWA, T. Japan, Govt. of. 84/11/08. THORNE, C. E. Energy, Dept. of. 1p. 27646:341.

8411260291 Application to amend export license, extending expiration date to 891231.
MDWRY, W. R. GA Technologies, Inc./General Atomic Co. IEL-6073. 84/11/07. ZIMMERMAN, J. Assistant Director for Export/Import & International Safeguards. 1p. 27646:334.

8411260295 Application to amend export license, extending expiration date to 851130.
HARRINGTON, L. R. Edlow International Co. 84/11/09. WRIGHT, B. Assistant Director for Export/Import & International Safeguards. 1p. 27646:335.

8411260298 Executive Branch position re Westinghouse application to export 200 g U-235, contained in 5.6 kg U, to Spain. License should be granted. Embassy of Spain 841101 ltr of assurance encl.
DEVINE, J. B. State, Dept. of. Bureau of Oceans & Intl. Environ. & Scientific Affairs. 84/11/09. SHEA, J. R. Office of International Programs, Director. 4pp. 27646:330.

8411260304 Application for license to export 504 kg U-235, contained in 16,414 kg U, to Japan.
OKADA, S. Mitsui & Co. (USA), Inc. (subs. of Mitsui & Co., Ltd.). MBK-F1-R10. 84/11/08. 1p. 27646:329.

8411260307 License for Sandvik Special Metals Corp to export 62 Zircaloy-4 instrument tubes to Japan.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. SSM-41200. 84/11/14. 1p. 27646:328.

8411260314 Application to amend export license, extending expiration date to 851231.
HERSCH, M. M. Westinghouse Electric Corp. MMH-587. 84/11/06. ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 1p. 27646:327.

8411260318 License for Reuter-Stokes, Inc to export one fission counter, Model RS-P6-1608-110, to Japan.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. C-0420. 84/11/13. 1p. 27646:326.

8411260413 Ltr of assurance re export of 0.452 kg U-235, contained in 20.298 kg U, to United Kingdom.
DUBOIS, D. European Communities, Commission of. 84/11/08. THORNE, C. E. Energy, Dept. of. 1p. 27645:361.

8411260420 Application to amend export license, increasing amount authorized for shipment to Chinsan 2 to 2,100 kg U-235, contained in 51,200 kg U & Kuosheng 1 to 3,770 kg U-235, contained in 90,870 kg U.
MALODY, C. W. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.). 84/11/02. ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 1p. 27645:362.

8411260424 Application to amend export license to include ultimate destinations in Sweden, Switzerland & Japan.
HARMON, D. W. Braunkohle Transport & Storage, Inc. 84/11/07. HEMBRY, E. Assistant Director for Export/Import & International Safeguards. 1p. 27646:323.

8411260427 Forwards application to export 933 kg U-235, contained in 30,200 kg U, to Belgium. Approval requested by 841215.
HERSCH, M. M. Westinghouse Electric Corp. MMH-584. 84/11/08. ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 1p. 27646:324.

--8411260430 Application for license to export 933 kg U-235, contained in 30,200 kg U, to Belgium.
HERSCH, M. M. Westinghouse Electric Corp. MMH-584. 84/11/08. 1p. 27646:325.

8411260444 License for Sandvik Special Metals Corp to export 1,735 Zircaloy-4 guide tubes, archive samples & GT lower sleeves to West Germany.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. SSM-41198. 84/11/13. 1p. 27645:342.

NONDOCKETED ITEMS

8411260482 License for Westinghouse to export one ion chamber to Canada.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. V2A00081. 84/11/15. 1p. 27645:360.

8411260489 License for Sandvik Special Metals Corp to export 380 Zircaloy-4 tubes to Japan.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. SSM-41152/53. 84/11/13. 1p. 27645:359.

8411280325 License for Westinghouse to export 11 ion chambers Model WL23934 & one ion chamber Model WL23934 to Canada.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. V2A00133. 84/10/30. 1p. 27675:322.

8411280335 License for Mitsui & Co (USA), Inc to export 7,000 lb zirconium liner tube shells to Japan.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. 802-424. 84/10/30. 1p. 27675:321.

8411280338 License for Westinghouse to export three Model WL 23630 in-core flux map detectors to Belgium.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. ZE 20743. 84/10/30. 1p. 27675:320.

8411280344 Application for license to export 62 Zircaloy-4 instrument tubes to Japan.
NICKOLAUS, J. W. Sandvik Special Metals Corp. SSM-41200. 84/10/25. 1p. 27675:312.

8411280408 License for Westinghouse to export one in-core radiation detector to Japan.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. ZE 60316. 84/10/30. 1p. 27682:336.

8411280416 Application for license to export 1,460 Zircaloy-4 guide tubes & 380 Zircaloy-4 instrument tubes to Japan.
NICKOLAUS, J. W. Sandvik Special Metals Corp. SSM-41164-41168. 84/10/25. 2pp. 27682:334.

8411280426 License for Reactor Experiments, Inc to export 0.1007 mg Np-237, electrodeposited onto nickel disc, to Portugal.
ZIMMERMAN, J. V. Assistant Director for Export/Import & International Safeguards. PORT 47. 84/10/30. 1p. 27682:333.

8411290121 Application for license to export Zircaloy-4 parts, including 1,520 guide tubes, 81 instrument tubes, 1,825 guide tube lower sleeves, 25 guide tube corrosion samples & 10 archive samples, to Belgium.
NICKOLAUS, J. W. Sandvik Special Metals Corp. SSM-41189-41192. 84/10/25. 1p. 27701:058.

8411290125 Application for license to export 1,100 Zircaloy-4 guide tubes, 10 Zircaloy-4 archive samples & 625 Zircaloy-4 guide tube lower sleeves to West Germany.
NICKOLAUS, J. W. Sandvik Special Metals Corp. SSM-41158. 84/10/24. 1p. 27701:057.

8411290196 Application for license to export 360 Zircaloy-4 guide thimble tubes & 20 Zircaloy-4 instrument tubes to Japan.
NICKOLAUS, J. W. Sandvik Special Metals Corp. SSM-41152/53. 84/10/25. 1p. 27696:111.

PERSONAL AUTHOR INDEX

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

An asterisk following the accession number in this index indicates that the document is an enclosure to another document. To obtain the accession number of the principal document under which the enclosure is listed, refer to the index entitled "Cross Reference of Enclosures to Principal Documents."

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|
| AAMODT, N. O. | 8411260133 | 50-289 G | ALLEN, M. H. | 8411280348 | 50-219 S | ANTHONY, R. L. | 8411270303* | 50-352 G |
| ABELSON, H. I. | 8411010321 | 50-333 P | ALLEN, R. P. | 8411130643 | NUREG | ANTHONY, R. L. | 8411270303* | 50-352 G |
| ABELSON, H. I. | 8411010472 | 50-333 P | ALLENSPACH, F. R. | 8411010389* | 50-289 G | APTOWICZ, B. | 8411060335* | 50-352 T |
| ACTON, B. | 8411210359 | 71-321 | ALPER, T. G. | 8411210261 | PR | APTOWICZ, B. | 8411060542* | 50-352 T |
| ACTON, B. | 8411210361* | 71-321 | AMEY, E. | 8411080081 | WASTE RES | APTOWICZ, B. S. | 8411060527 | 50-352 T |
| ACTON, B. | 8411210364* | 71-321 | AMEY, E. | 8411080090 | WASTE RES | ARAVE, A. E. | 8411140035 | NUREG |
| ADAM, D. A. | 8411150029* | 50-237 P | AMEY, E. B. | 8411080077 | WASTE RES | ARELLANO, F. E. | 8411270150 | NUREG |
| ADENSAM, E. O. | 8411010029* | 50-327 P | AMEY, E. B. | 8411080086 | WASTE RES | ARENDTS, J. G. | 8411130732 | NUREG |
| ADENSAM, E. O. | 8411010035 | 50-369 P | AMEY, E. B. | 8411080104 | WASTE RES | ARISS, S. | 8411210004 | 50-397 F |
| ADENSAM, E. O. | 8411010201 | 50-395 P | AMEY, E. B. | 8411080212 | WASTE RES | ARLOTT, G. A. | 8411160455 | REGOD |
| ADENSAM, E. O. | 8411060124 | 50-395 P | AMEY, E. B. | 8411080257 | WASTE RES | ARLOTT, G. A. | 8411280184 | REGOD |
| ADENSAM, E. O. | 8411060131* | 50-395 P | AMEY, E. B. | 8411080345 | WASTE RES | ARNETT, R. C. | 8411080489* | WASTE RES |
| ADENSAM, E. O. | 8411060186 | 50-395 P | AMEY, E. B. | 8411080354 | WASTE RES | ARNETT, R. C. | 8411080493* | WASTE RES |
| ADENSAM, E. O. | 8411060193* | 50-395 P | AMSTUTZ, S. R. | 8411150284 | 50-155 R | ARRORA, H. | 8411140096 | NUREG |
| ADENSAM, E. O. | 8411070320 | 50-424 A | ANDERSON, C. J. | 8411010006* | 50-352 G | ASH, E. B. | 8411080551 | WASTE MGT |
| ADENSAM, E. O. | 8411090381* | 50-395 P | ANDERSON, C. J. | 8411140462* | 50-213 G | ASHARE, M. B. | 8411130611 | 50-322 G |
| ADENSAM, E. O. | 8411160532 | 50-369 P | ANDERSON, C. J. | 8411160291* | 50-322 G | ASHBY, H. | 8411130461 | 71-7 |
| ADENSAM, E. O. | 8411200406 | 50-395 P | ANDERSON, C. J. | 8411200079* | 50-213 G | ASHE, F. | 8411060133 | 50-298 S |
| ADENSAM, E. O. | 8411200412* | 50-395 P | ANDERSON, C. J. | 8411290528* | 50-219 G | ASHE, F. | 8411060148* | 50-298 S |
| ADENSAM, E. O. | 8411210220 | 50-369 P | ANDERSON, F. D. | 8411200386 | 50-483 P | ASSELSTINE, J. K. | 8411050449* | 50-275 G |
| ADENSAM, E. O. | 8411210231* | 50-369 P | ANDERSON, J. D. | 8411200383 | 50-440 F | AUGER, J. C. | 8411210381 | 50-320 S |
| ADENSAM, E. O. | 8411210247* | 50-369 P | ANDERSON, J. J. | 8411200395* | 50-280 F | AUGER, J. C. | 8411280563 | 50-320 S |
| ADENSAM, E. O. | 8411280392 | 50-416 F | ANDERSON, R. N. | 8411090444 | 50-322 T | AUGUST, L. | 8411060067* | WASTE RES |
| ADENSAM, E. O. | 8411280398 | 50-395 P | ANDERSON, S. L. | 8411050409* | 50-286 P | AUSTIN, G. | 8411200023 | 50-295 R |
| ADENSAM, E. O. | 8411290643 | 50-424 A | ANDOGNINI, G. C. | 8411290356* | 50-293 P | AUSTIN, M. A. | 8411120037 | 70-364 |
| AFTERGOOD, S. | 8411050347 | PR | ANDOGNINI, G. C. | 8411290388* | 50-293 P | AUSTIN, M. A. | 8411130302 | 71-9071 |
| AFTERGOOD, S. | 8411060440 | PR | ANDOGNINI, G. C. | 8411290395* | 50-293 P | AUSTIN, M. A. | 8411190108 | 70-364 |
| AFTERGOOD, S. | 8411290141 | FOIA | ANDOGNINI, G. C. | 8411290405* | 50-293 P | AUSTIN, P. N. | 8411160048 | 50-269 P |
| AFTERGOOD, S. | 8411290264 | FOIA | ANDREWS, F. | 8411190338* | FOIA | AUTRY, V. R. | 8411290662* | WASTE MGT |
| AGNEW, H. M. | 8411070021* | PR | ANDREWS, F. | 8411190373* | FOIA | AVANT, D. W. | 8411270003 | 50-187 R |
| AHEARNE, J. | 8411260022 | 50-289 P | ANDREWS, F. | 8411190387* | FOIA | AXELRAD, J. | 8411020223 | I&E |
| AHRENDTS, S. W. | 8411090275 | 50-537 G | ANDREWS, F. | 8411190404* | FOIA | AXELRAD, J. | 8411020236 | 50-313 G |
| AIREY, P. L. | 8411060506 | NUREG | ANDREWS, F. | 8411190417* | FOIA | AXELRAD, J. | 8411090041 | 50-321 G |
| ALBA, A. | 8411270113* | 50-272 G | ANDREWS, R. L. | 8411010096 | 50-285 F | AXELRAD, J. | 8411070027 | I&E |
| ALBRIGHT, D. | 8411270405 | PR | ANDREWS, R. L. | 8411020220 | 50-285 F | AXELRAD, J. | 8411130639 | I&E |
| ALBRIGHT, D. | 8411270411* | PR | ANDREWS, R. L. | 8411030713 | 50-285 S | AXELRAD, J. | 8411260208 | 50-346 G |
| ALBRIGHT, D. | 8411270415* | PR | ANDREWS, R. L. | 8411030738 | 50-285 S | AXELRAD, J. | 8411260343 | 50-315 G |
| ALBRIGHT, R. H. | 8411140463* | 50-338 G | ANDREWS, R. L. | 8411090242 | 50-285 F | AXELRAD, J. | 8411260351 | 50-482 G |
| ALBRIGHT, R. H. | 8411150311* | 50-324 G | ANDREWS, R. L. | 8411090322 | 50-285 F | AXELRAD, J. | 8411290269 | I&E |
| ALDEN, W. H. | 8411280033 | 50-277 R | ANDREWS, R. L. | 8411120151 | 50-285 P | AXELRAD, J. A. | 8410040521 | 50-280 G |
| ALDRICH, L. R. | 8411190216 | 50-374 S | ANDREWS, R. L. | 8411140363 | 50-285 P | AXELRAD, J. A. | 8411080421 | 50-362 G |
| ALEXANDER, G. | 8411160371 | 70-2973 | ANDREWS, R. L. | 8411200184 | 50-285 P | AXELRAD, J. A. | 8411120020 | 50-369 G |
| ALEXICH, M. P. | 8410110364 | 50-315 P | ANDREWS, R. L. | 8411210129 | 50-285 P | AXELRAD, J. A. | 8411130480 | 40-299 |
| ALEXICH, M. P. | 8411060158 | 50-315 P | ANDREWS, R. L. | 8411260138 | 50-285 R | AXELRAD, M. | 8411130598 | 50-498 G |
| ALEXICH, M. P. | 8411060213 | 50-315 F | ANDREWS, R. L. | 8411260301 | 50-285 P | AXELRAD, M. | 8411130598 | 50-498 G |
| ALEXICH, M. P. | 8411140304 | 50-315 P | ANDREWS, R. L. | 8411260365 | 50-285 P | AXELSON, N. | 8411270359 | 50-263 S |
| ALEXICH, M. P. | 8411270275 | 50-315 P | ANDREWS, R. L. | 8411260375 | 50-285 F | AXELSON, W. | 8411190492 | 50-263 S |
| ALEXICH, M. P. | 8411280293 | 50-315 F | ANDREWS, R. L. | 8411270308 | 50-285 R | AXELSON, W. | 8411260429 | I&E |
| ALEXICH, M. P. | 8411280296 | 50-316 P | ANDREWS, R. L. | 8411280316 | 50-285 S | AXELSON, W. | 8411270387 | 50-10 S |
| ALEXICH, M. P. | 8411280318 | 50-315 P | ANG, W. P. | 8411130350* | 50-400 G | AXELSON, W. L. | 8411060106 | 50-440 G |
| ALFORQUE, R. | 8411130582 | NUREG | ANTHONY, R. L. | 8411060586 | 50-352 G | AXELSON, W. L. | 8411060240 | 50-150 G |
| ALGER, D. M. | 8411140396 | PR | ANTHONY, R. L. | 8411060586 | 50-352 G | AXELSON, W. L. | 8411070216 | 50-87 F |
| ALKEMA, K. L. | 8411080581 | WASTE MGT | ANTHONY, R. L. | 8411140489 | 50-352 G | AXELSON, W. L. | 8411130368 | 50-461 G |
| ALLEN, C. L. | 8411210119 | REVIEW GRP | ANTHONY, R. L. | 8411270301 | 50-352 G | AXELSON, W. L. | 8411130400 | 50-315 F |
| ALLEN, C. L. | 8411270050 | MISC | ANTHONY, R. L. | 8411270301 | 50-352 G | AXELSON, W. L. | 8411190532 | 70-1739 |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| AXELSON, W. L. | 8411210073* | 50-10 G | BAUSER, D. B. | 8411290325 | 50-289 G | BERNABEI, L. | 8411130242* | 50-382 G |
| AXELSON, W. L. | 8411290086 | 50-263 F | BAXTER, T. A. | 8411070033 | 50-400 T | BERNABEI, L. | 8411130242* | 50-382 G |
| AXELSON, W. L. | 8411290100 | 50-282 F | BAXTER, T. A. | 8411070033 | 50-400 T | BERNABEI, L. | 8411140373* | 50-289 G |
| AYRAULT, G. | 8411130553 | NUREG | BAXTER, T. A. | 8411140425 | 50-289 G | BERNABEI, L. | 8411140474 | 50-382 G |
| BACA, R. G. | 8411080489* | WASTE RES | BAXTER, T. A. | 8411140425 | 50-289 G | BERNABEI, L. | 8411150259 | 50-289 G |
| BACA, R. G. | 8411080493* | WASTE RES | BAYNE, J. P. | 8411020226 | 50-286 P | BERNABEI, L. | 8411150259 | 50-289 G |
| BACHMANN, R. G. | 8411260098 | 50-445 G | BAYNE, J. P. | 8411050351 | 50-286 P | BERNABEI, L. | 8411150266* | 50-289 G |
| BAER, R. L. | 8411060261 | I&E | BAYNE, J. P. | 8411050361* | 50-286 P | BERNABEI, L. | 8411150266* | 50-289 G |
| BAER, R. L. | 8411260104 | 50-312 P | BAYNE, J. P. | 8411050370 | 50-286 P | BERNABEI, L. | 8411150300 | 50-382 G |
| BAGBY, L. A. | 8411190103* | FOIA | BAYNE, J. P. | 8411050374* | 50-286 P | BERNABEI, L. | 8411150300 | 50-382 G |
| BAGBY, L. A. | 8411190114* | FOIA | BAYNE, J. P. | 8411050408 | 50-286 P | BERNABEI, L. | 8411150300 | 50-382 G |
| BAGBY, L. A. | 8411190134* | FOIA | BAYNE, J. P. | 8411060184 | 50-286 P | BERNABEI, L. | 8411190470 | 50-289 G |
| BAGBY, L. A. | 8411190148* | FOIA | BAYNE, J. P. | 8411060233 | 50-286 P | BERNABEI, L. | 8411190470 | 50-289 G |
| BAGBY, L. A. | 8411190192* | FOIA | BAYNE, J. P. | 8411060267 | 50-286 P | BERNABEI, L. | 8411190480 | 50-289 G |
| BAGBY, L. A. | 8411190197* | FOIA | BAYNE, J. P. | 8411080225 | 50-286 F | BERNABEI, L. | 8411190533 | 50-289 G |
| BAGBY, L. A. | 8411190212* | FOIA | BAYNE, J. P. | 8411140071 | 50-333 P | BERNABEI, L. | 8411190573 | 50-382 G |
| BAGBY, L. A. | 8411190265* | FOIA | BAYNE, J. P. | 8411200214 | 50-286 G | BERNABEI, L. | 8411260026 | 50-289 G |
| BAGBY, L. A. | 8411190280* | FOIA | BAZIN, J. P. | 8411010297 | CONTRACT | BERNABEI, L. | 8411260026 | 50-289 G |
| BAGBY, L. A. | 8411190311* | FOIA | BAZIN, J. P. | 8411080389 | CONTRACT | BERNABEI, L. | 8411260034* | 50-289 G |
| BAGBY, L. A. | 8411190409* | FOIA | BAZIN, J. P. | 8411080519 | CONTRACT | BERNABEI, L. | 8411260034* | 50-289 G |
| BAILEYS, T. P. | 8411280548 | 50-387 S | BEACH, B. | 8411260208 | 50-346 G | BERNABEI, L. | 8411280207 | 50-289 G |
| BAIN, A. T. | 8411050215 | WASTE RES | BEACH, B. | 8411260351 | 50-482 G | BERNABEI, L. | 8411280207 | 50-289 G |
| BAIR, G. G. | 8411060495 | 50-344 S | BEACH, W. | 8411260343 | 50-315 G | BERNHOF, S. | 8411130441 | 50-305 S |
| BAIR, G. G. | 8411190324 | 50-344 S | BEALE, K. E. | 8411020149* | 50-395 F | BERNHOF, S. | 8411160021 | 50-305 S |
| BAIR, G. G. | 8411270416 | 50-344 S | BEALL, J. E. | 8411130508* | 50-352 G | BERNTHAL, F. M. | 8411130075 | COMMISSION |
| BAIRD, J. B. | 8411120192* | 50-267 G | BEATTY, G. P. | 8411080279 | 50-261 G | BERRY, G. A. | 8411060385 | 50-445 G |
| BAIRD, J. B. | 8411130491* | 50-445 G | BECHHOEFER, C. | 8411010648 | 50-498 G | BERRY, G. A. | 8411130305 | 50-445 G |
| BAISDEN, L. | 8411080507 | CONTRACT | BECHHOEFER, C. | 8411050362 | 50-329 G | BERRY, G. A. | 8411290375 | 50-445 G |
| BAKER, W. E. | 8411130726* | 50-445 G | BECHHOEFER, C. | 8411090463 | 50-329 G | BERRY, J. | 8411030105* | 50-352 G |
| BAKER, W. E. | 8411290381* | 50-445 G | BECHHOEFER, C. | 8411200246 | 50-498 G | BERRY, J. | 8411140323* | 50-277 G |
| BALL, J. R. | 8411090146* | 50-528 G | BECK, J. W. | 8411070011 | 50-445 A | BERRY, J. | 8411150258* | 50-387 G |
| BALL, J. R. | 8411160028 | NUREG | BECK, J. W. | 8411070081 | 50-445 A | BERRY, J. | 8411190600* | 50-219 G |
| BALL, S. J. | 8411130696 | NUREG | BECK, J. W. | 8411140224 | 50-445 A | BERRY, J. | 8411290008* | 50-352 G |
| BALLENGER, V. W. | 8411200376 | PR | BECK, J. W. | 8411260293 | 50-445 A | BERRY, K. W. | 8411150053* | 50-155 P |
| BALLENGER, V. W. | 8411270401 | PR | BECK, J. W. | 8411260386 | 50-445 A | BERRY, K. W. | 8411150062* | 50-155 P |
| BALTZ, E. H. | 8411080632 | WASTE MGT | BECKHAM, J. T. | 8411260384 | 50-321 P | BESS, J. E. | 8411130497* | 50-482 G |
| BANDHAUER, W. K. | 8411190581 | 50-302 S | BEGBS, L. | 8411270206 | 50-70 G | BETTENHAUSEN, L. | 8411010050* | 50-352 G |
| BANGART, R. L. | 8411020375 | 50-445 G | BEKE, J. E. | 8411290306 | 50-373 S | BETTENHAUSEN, L. | 8411090504* | 50-423 G |
| BANGART, R. L. | 8411060513 | 50-445 G | BELANGER, J. L. | 8411190538* | 70-1739 | BETTENHAUSEN, L. | 8411120070* | 50-352 G |
| BANGART, R. L. | 8411130488 | 50-445 G | BELANGER, J. L. | 8411210073* | 50-10 G | BETTENHAUSEN, L. | 8411200970* | 50-213 G |
| BANKS, W. W. | 8409260607* | 50-352 F | BELGRAIR, D. | 8001250421* | FOIA | BETTENHAUSEN, L. | 8411130228* | 50-289 G |
| BARLOW, G. | 8411270322 | 50-70 G | BELGRAIR, D. P. | 7904090167* | FOIA | BETTENHAUSEN, L. | 8411160047* | 50-352 G |
| BARLOW, G. | 8411270323* | 50-70 G | BELGRAIR, D. P. | 7904090170* | FOIA | BETTENHAUSEN, L. | 8411160274* | 50-247 G |
| BARNES, M. D. | 8411130382 | PR | BELGRAIR, D. P. | 7905070479* | FOIA | BETTENHAUSEN, L. | 8411210296* | 50-388 G |
| BARNETT, J. E. | 8411150098 | 70-1621 | BELGRAIR, D. P. | 7908270019* | FOIA | BETTENHAUSEN, L. | 8411210395* | 50-388 G |
| BARR, K. | 8411130398* | 50-320 G | BELGRAIR, D. P. | 8003070198* | FOIA | BETTENHAUSEN, L. | 8411260084 | 50-289 G |
| BARTH, C. A. | 8411190286 | 50-400 G | BELGRAIR, D. P. | 8003260475* | FOIA | BETTENHAUSEN, L. | 8411280535* | 50-219 G |
| BARTH, C. A. | 8411200261 | 50-400 G | BELGRAIR, D. P. | 8102190620* | FOIA | BETTENHAUSEN, L. | 8411290559* | 50-423 G |
| BARUDIN, T. W. | 8411020436 | 50-528 H | BELGRAIR, D. P. | 8102260274* | FOIA | BETTENHAUSEN, L. | 8411290615* | 50-289 G |
| BASKIN, K. P. | 8411070001 | 50-206 P | BELGRAIR, D. P. | 8411190258* | FOIA | BEWLEY, E. | 8411010518* | 50-317 R |
| BASKIN, K. P. | 8411200338 | 50-206 P | BELGRAIR, D. P. | 8411190294* | FOIA | BEWLEY, E. | 8411010521* | 50-317 R |
| BASS, K. | 8411030732 | 50-219 S | BELGRAIR, D. P. | 8411190322* | FOIA | BEWLEY, E. | 8411010523* | 50-317 R |
| BASSIN, N. | 7911200152* | FOIA | BELGRAIR, D. P. | 8411190356* | FOIA | BEWLEY, E. | 8411010525* | 50-317 R |
| BASSIN, N. | 8001300311* | FOIA | BELGRAIR, D. P. | 8411190303* | FOIA | BEWLEY, E. K. | 8411010498 | 50-317 R |
| BASSIN, N. | 8411190122* | FOIA | BELGRAIR, D. P. | 8411190368* | FOIA | BEWLEY, E. K. | 8411010520* | 50-317 R |
| BASSIN, N. | 8411190126* | FOIA | BELL, J. M. | 8411190205* | FOIA | BEWLEY, E. K. | 8411280414 | 50-317 R |
| BASSIN, N. | 8411190156* | FOIA | BELL, M. J. | 8411090119 | PR | BEZLER, P. | 8411130582 | NUREG |
| BASSIN, N. | 8411190198* | FOIA | BELL, N. | 8411290211 | 50-331 S | BHATTACHARYA, S. | 8411080535 | WASTE RES |
| BASSIN, N. | 8411190232* | FOIA | BELL, N. | 8411290254 | 50-344 P | BHATTACHARYA, S. | 8411080657 | WASTE RES |
| BASSIN, N. | 8411190241* | FOIA | BEMIS, P. | 8411140539* | 50-261 G | BHATTACHARYA, S. | 8411090057 | WASTE RES |
| BASSIN, N. | 8411190250* | FOIA | BEMIS, P. R. | 8411140083* | 50-400 G | BHATTACHARYA, S. | 8411090127 | WASTE RES |
| BASSIN, N. | 8411190358* | FOIA | BENDA, B. J. | 8411140107 | NUREG | BHATTACHARYA, S. | 8411090140* | WASTE RES |
| BASSIN, N. | 8411190363* | FOIA | BENEDETTO, A. R. | 8411280219 | REGGD | BIBS, S. L. | 8411080091* | 50-445 A |
| BASSIOUNI, M. R. | 8411060496* | 50-400 G | BENKE, L. | 8411160218 | PR | BICEHOUSE, H. J. | 8411210322* | 50-354 G |
| BASSIOUNI, M. R. | 8411060496* | 50-400 G | BENNETT, D. E. | 8411130735 | NUREG | BICEHOUSE, H. J. | 8411030200* | 50-277 G |
| BASSIOUNI, M. R. | 8411060496* | 50-400 G | BENNETT, J. W. | 8411080539* | WASTE MGT | BICEHOUSE, H. J. | 8411130615* | 50-57 G |
| BATES, R. W. | 8411130128* | 50-354 G | BENNETT, W. R. | 8411280382* | 50-458 G | BICKFORD, W. E. | 8411290570* | FOIA |
| BATTLE, R. E. | 8411290116 | 50-336 S | BENSON, D. L. | 8411260355* | 50-280 F | BIDINGER, G. H. | 8411010179* | 70-1257 |
| BAUBLITZ, J. E. | 8411160048 | 50-269 P | BENSON, J. E. | 8411290184* | 50-293 F | BIDINGER, G. H. | 8411030383 | 70-371 |
| BAUBLITZ, J. E. | 8411080447 | WASTE MGT | BENTZ, J. H. | 8411290150 | NUREG | BIDINGER, G. H. | 8411090486 | 70-143 |
| BAUBLITZ, J. E. | 8411090477 | WASTE MGT | BERGER, J. D. | 8411130356 | 40-2061 | BIDINGER, G. H. | 8411130235* | 70-1257 |
| BAUVERIS, E. I. | 8411070185 | 50-317 S | BERNABEI, L. | 8411060220 | 50-289 G | BIDINGER, G. H. | 8411260443 | 70-2998 |
| BAUNACK, W. | 8411080207* | 50-289 G | BERNABEI, L. | 8411060220 | 50-289 G | BIELAWSKI, A. P. | 8411150277 | 50-454 G |
| BAUSER, D. B. | 8411120307* | 50-289 G | BERNABEI, L. | 8411060255 | 50-289 G | BILANIN, A. J. | 8411150061* | TOPREP |
| BAUSER, D. B. | 8411020026 | 50-289 G | BERNABEI, L. | 8411060255 | 50-289 G | BIRCH, M. L. | 8411270085 | PRM |
| BAUSER, D. B. | 8411020026 | 50-289 G | BERNABEI, L. | 8411060348 | 50-289 G | BIRD, S. K. | 8411130669 | NUREG |
| BAUSER, D. B. | 8411020031 | 50-289 G | BERNABEI, L. | 8411060348 | 50-289 G | BISHOP, T. W. | 8411030208 | 50-344 G |
| BAUSER, D. B. | 8411060443 | 50-289 T | BERNABEI, L. | 8411060366* | 50-289 G | BISHOP, T. W. | 8411030334 | 50-275 G |
| BAUSER, D. B. | 8411060443 | 50-289 T | BERNABEI, L. | 8411060366* | 50-289 G | BISHOP, T. W. | 8411030355 | 50-312 G |
| BAUSER, D. B. | 8411060478 | 50-289 T | BERNABEI, L. | 8411060439 | 50-289 G | BISHOP, T. W. | 8411060507 | 50-528 G |
| BAUSER, D. B. | 8411060478 | 50-289 T | BERNABEI, L. | 8411060439 | 50-289 G | BISHOP, T. W. | 8411080572 | 50-206 G |
| BAUSER, D. B. | 8411070222 | 50-289 G | BERNABEI, L. | 8411060458 | 50-289 G | BISHOP, T. W. | 8411090133 | 50-528 G |
| BAUSER, D. B. | 8411190183 | 50-289 G | BERNABEI, L. | 8411060605 | 50-289 G | BISHOP, T. W. | 8411130159 | 50-206 G |
| BAUSER, D. B. | 8411190183 | 50-289 G | BERNABEI, L. | 8411060606 | 50-289 G | BISHOP, T. W. | 8411160282 | 50-206 G |
| BAUSER, D. B. | 8411290325 | 50-289 G | BERNABEI, L. | 8411130232 | 50-382 G | BISHOP, T. W. | 8411160410 | 50-528 G |

PERSONAL AUTHOR INDEX

457

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|---------------------|---------------------|------------------|---------------------|---------------------|-------------------|---------------------|---------------------|
| BISHOP, T. W. | 8411280315 | 50-275 E | BOGDEN, G. | 8411190004 | 40-8684 | BOWYER, J. E. | 8411190328* | FOIA |
| BISHOP, T. W. | 8411290001 | 50-275 P | BOLLINGER, L. J. | 8411070201 | PR | BOYCE, T. | 8411120449 | 50-295 S |
| BISHOP, T. W. | 8411290605 | 50-275 P | BOLLINGER, L. J. | 8411200293 | PR | BOYD, D. | 8411120149 | 50-331 S |
| BISHOP, T. W. | 8411290663 | 50-275 P | BOLLINGER, M. | 8411090289* | 50-352 G | BOYD, D. C. | 8411070249* | 50-331 G |
| BISSETT, P. | 8411160147* | 50-352 G | BOLON, A. E. | 8411050247 | PR | BOYD, D. C. | 8411210320* | 50-331 G |
| BITTER, D. B. | 8411290176 | 50-293 F | BOLTZ, B. | 8411290365* | 50-445 G | BOYD, D. C. | 8411210439* | 50-155 G |
| BLACKFORD, M. E. | 8411080645 | WASTE RES | BOLTZ, B. | 8411290373* | 50-445 G | BOYD, S. | 8411290549* | FOIA |
| BLACKFORD, M. E. | 8411080677 | WASTE RES | BOMBERGER, C. | 8410090384* | 50-344 P | BOYER, V. S. | 8411020313* | 50-352 A |
| BLACKMAN, H. S. | 8411130734 | NUREG | BONANO, E. J. | 8411080653 | WASTE RES | BOYER, V. S. | 8411060614* | 50-352 T |
| BLAIR, J. | 8411130311 | 71-317 | BOOKER, J. E. | 8411020273 | 50-458 S | BOYLE, L. A. | 8411160418 | 50-249 S |
| BLAKE, E. L. | 8411010583 | 50-289 G | BOOKER, J. E. | 8411030721 | 50-458 S | BRACELAND, J. E. | 8411050237 | PR |
| BLAKE, E. L. | 8411010583 | 50-289 G | BOOKER, J. E. | 8411030724 | 50-458 S | BRADBURY, J. W. | 8411080562 | WASTE RES |
| BLAKE, E. L. | 8411010589 | 50-289 G | BOOKER, J. E. | 8411050277 | 50-458 A | BRADLEY, J. W. | 8411090356 | WASTE RES |
| BLAKE, E. L. | 8411020059 | 50-289 G | BOOKER, J. E. | 8411050315 | 50-458 S | BRADFORD, L. | 8411190379 | 50-289 G |
| BLAKE, E. L. | 8411020059 | 50-289 G | BOOKER, J. E. | 8411050322 | 50-458 S | BRADFORD, W. | 8411140049* | 50-395 G |
| BLAKE, E. L. | 8411050427 | 50-289 T | BOOKER, J. E. | 8411050432 | 50-458 G | BRADFORD, W. H. | 8411150274* | 50-348 G |
| BLAKE, E. L. | 8411050427 | 50-289 T | BOOKER, J. E. | 8411050465 | 50-458 S | BRADHAM, O. S. | 8411020228 | 50-395 F |
| BLAKE, E. L. | 8411060467 | 50-289 G | BOOKER, J. E. | 8411050472 | 50-458 G | BRADLEY, L. W. | 8411020305 | 50-352 A |
| BLAKE, E. L. | 8411060467 | 50-289 G | BOOKER, J. E. | 8411050482 | 50-458 G | BRADLEY, E. J. | 8411160286 | 50-352 K |
| BLAKE, E. L. | 8411060497 | 50-289 T | BOOKER, J. E. | 8411050524 | 50-458 S | BRADLEY, E. J. | 8411190380 | 50-352 J |
| BLAKE, E. L. | 8411060497 | 50-289 T | BOOKER, J. E. | 8411060127 | 50-458 S | BRADLEY, E. J. | 8411260280 | 50-277 F |
| BLAKE, E. L. | 8411070211 | 50-289 G | BOOKER, J. E. | 8411060300 | 50-458 S | BRADSHAW, R. | 8411270317 | 50-352 T |
| BLAKE, E. L. | 8411070251 | 50-289 G | BOOKER, J. E. | 8411120091 | 50-458 S | BRADY, L. W. | 8411020375 | RES |
| BLAKE, E. L. | 8411070251 | 50-289 G | BOOKER, J. E. | 8411120100 | 50-458 S | BRADY, D. H. | 8411010148* | 50-461 F |
| BLAKE, E. L. | 8411130600 | 50-289 G | BOOKER, J. E. | 8411120458 | 50-458 S | BRAMLETT, L. S. | 8411130057 | 50-368 R |
| BLAKE, E. L. | 8411130600 | 50-289 G | BOOKER, J. E. | 8411130005 | 50-458 S | BRANCH, M. W. | 8411140132* | 50-338 G |
| BLAKE, E. L. | 8411130617* | 50-289 G | BOOKER, J. E. | 8411130022 | 50-458 S | BRAND, D. A. | 8411290042 | 50-275 E |
| BLAKE, E. L. | 8411130617* | 50-289 G | BOOKER, J. E. | 8411130042 | 50-458 S | BRAND, D. A. | 8411290136 | 50-275 P |
| BLAKE, E. L. | 8411140373* | 50-289 G | BOOKER, J. E. | 8411130145 | 50-458 S | BRANDT, C. T. | 8411270320 | 50-445 T |
| BLAKE, E. L. | 8411140373* | 50-289 G | BOOKER, J. E. | 8411130183 | 50-458 S | BRANLUND, B. J. | 8411160343* | 50-293 P |
| BLAKE, E. L. | 8411260021 | 50-289 G | BOOKER, J. E. | 8411130621 | 50-458 S | BRANSFIELD, T. J. | 8411140567 | 50-213 S |
| BLAKE, E. L. | 8411260021 | 50-289 G | BOOKER, J. E. | 8411130641 | 50-458 S | BRENNAN, J. M. | 8411150102 | 50-456 F |
| BLAKE, E. L. | 8411260033* | 50-289 G | BOOKER, J. E. | 8411130660 | 50-458 S | BRENNER, L. | 8411060567 | 50-322 G |
| BLAKE, E. L. | 8411260033* | 50-289 G | BOOKER, J. E. | 8411130724 | 50-458 S | BRENNER, L. | 8411070233 | 50-322 G |
| BLAKE, E. L. | 8411050442* | 50-324 G | BOOKER, J. E. | 8411140019 | 50-458 S | BRENNER, L. | 8411260023 | 50-322 G |
| BLAKE, J. J. | 8411130590* | 50-400 G | BOOKER, J. E. | 8411140079 | 50-458 S | BRESLAU, B. | 8411030084* | 50-482 G |
| BLAKE, J. J. | 8411140060* | 50-261 G | BOOKER, J. E. | 8411140320 | 50-458 S | BRESLAU, B. | 8411030332* | 50-482 G |
| BLAKE, J. J. | 8411140082* | 50-335 G | BOOKER, J. E. | 8411140816 | 50-458 S | BRESLAU, B. | 8411260271* | 50-482 G |
| BLAKE, J. J. | 8411140246* | 50-395 G | BOOKER, J. E. | 8411140559 | 50-458 S | BREWSTER, C. | 8411080206* | WASTE RES |
| BLAKE, J. J. | 8411140394* | 50-438 G | BOOKER, J. E. | 8411150023 | 50-458 A | BREY, H. L. | 8411260526 | 50-267 S |
| BLAKE, J. J. | 8411140479* | 50-413 G | BOOKER, J. E. | 8411150077 | 50-458 E | BREY, H. L. | 8411280311 | 50-267 P |
| BLAKE, J. J. | 8411140496* | 50-416 G | BOOKER, J. E. | 8411150119 | 50-458 E | BRICH, R. F. | 8411080176* | 40-8663 |
| BLAKE, J. J. | 8411140546* | 50-280 G | BOOKER, J. E. | 8411190107 | 50-458 S | BRICH, R. F. | 8411080379 | 40-8783 |
| BLAKE, J. J. | 8411140556* | 50-424 G | BOOKER, J. E. | 8411190112 | 50-458 S | BRIGGS, L. | 8411120070* | 50-352 G |
| BLANCHARD, B. | 8411090012 | WASTE MGT | BOOKER, J. E. | 8411190123 | 50-458 S | BRIGGS, W. H. | 8411200335* | 50-315 F |
| BLANKENSHIP, W. | 8411130350 | PR | BOOKER, J. E. | 8411190129 | 50-458 S | BRINKMAN, R. E. | 8411190230* | FOIA |
| BLATT, H. | 8411060156 | 50-247 S | BOOKER, J. E. | 8411190138 | 50-458 S | BRINKMAN, R. E. | 8411190233* | FOIA |
| BLATT, H. | 8411140608 | 50-247 R | BOOKER, J. E. | 8411190314 | 50-458 A | BRINKMAN, R. E. | 8411190240* | FOIA |
| BLATT, H. | 8411200385 | 50-247 S | BOOKER, J. E. | 8411200122 | 50-458 S | BRINKMAN, R. E. | 8411190249* | FOIA |
| BLATT, H. | 8411270540 | 50-247 S | BOOKER, J. E. | 8411210324 | 50-458 S | BRINKMAN, R. E. | 8411190259* | FOIA |
| BLENCOE, J. G. | 8411080137* | WASTE RES | BOOKER, J. E. | 8411260262 | 50-458 S | BRINKMAN, R. E. | 8411190261* | FOIA |
| BLENCOE, J. G. | 8411080171* | WASTE RES | BOOKER, J. E. | 8411260448 | 50-458 S | BRINKMAN, R. E. | 8411190266* | FOIA |
| BLENCOE, J. G. | 8411080325* | WASTE RES | BOOKER, J. E. | 8411260541 | 50-458 S | BRINKMAN, R. E. | 8411190276* | FOIA |
| BLENCOE, J. G. | 8411080390 | WASTE RES | BOOKER, J. E. | 8411270323 | 50-458 A | BRITT | 8411210023 | 50-266 P |
| BLENCOE, J. G. | 8411080491* | WASTE RES | BOOKER, J. E. | 8411280121 | 50-458 F | BROCK, B. L. | 8411130187* | 70-754 |
| BLIND, A. A. | 8411050534 | 50-315 S | BOOKER, J. E. | 8411280323 | 50-458 S | BROCKMANN, J. E. | 8411270150 | NUREG |
| BLIND, A. A. | 8411060328 | 50-315 S | BOOKER, J. E. | 8411280332 | 50-458 S | BROMBERG, B. | 8411120089 | CONTRACT |
| BLIND, A. A. | 8411280092 | 50-316 S | BOOKER, J. E. | 8411280410 | 50-458 S | BRONS, J. C. | 8411120298 | 50-286 G |
| BLIND, A. A. | 8411290397 | 50-316 S | BOOKER, J. E. | 8411280445 | 50-458 S | BRONS, J. C. | 8411140240 | 50-286 G |
| BLOCH, P. | 8411090263 | 50-445 G | BOOKER, J. E. | 8411280505 | 50-458 S | BRONS, J. C. | 8411140259 | 50-286 G |
| BLOCH, P. B. | 8411010549 | 50-445 G | BOOKER, J. E. | 8411280551 | 50-458 S | BRONS, J. C. | 8411140284 | 71-9073 |
| BLOCH, P. B. | 8411010660 | 50-445 G | BOOKER, J. E. | 8411280560 | 50-458 S | BRONS, J. C. | 8411190141 | 50-286 S |
| BLOCH, P. B. | 8411020500 | 50-445 G | BOOKER, J. E. | 8411280572 | 50-458 S | BRONS, J. C. | 8411190252 | 50-286 G |
| BLOCH, P. B. | 8411020544 | 50-445 G | BOOKER, J. E. | 8411290034 | 50-458 S | BRONS, J. C. | 8411260108 | 50-286 R |
| BLOCH, P. B. | 8411030446 | 50-445 G | BOOKER, J. E. | 8411290228 | 50-458 S | BROOKMIRE, T. A. | 8411010242 | 50-280 P |
| BLOCH, P. B. | 8411060414 | 50-445 G | BOOKER, J. E. | 8411290544 | 50-458 S | BROOKS, D. | 8411080349 | WASTE RES |
| BLOCH, P. B. | 8411090255 | 50-445 G | BOOTH, R. S. | 8411160048 | 50-269 P | BROOKS, D. | 8411080358 | WASTE RES |
| BLOCH, P. B. | 8411090256 | 50-445 G | BORCHARDT, R. W. | 8411130508* | 50-352 G | BROOKS, D. | 8411080410 | WASTE RES |
| BLOCH, P. B. | 8411090261 | 50-445 G | BORCHARDT, R. W. | 8411270369* | 50-352 G | BROOKS, D. J. | 8411080183 | WASTE RES |
| BLOCH, P. B. | 8411090330 | 50-445 G | BORDENICK, B. M. | 8411060292 | 50-424 G | BROOKS, D. J. | 8411080375 | WASTE RES |
| BLOCH, P. B. | 8411130588 | 50-445 G | BORDENICK, B. M. | 8411090284 | 50-322 G | BROOKS, D. J. | 8411080431 | WASTE RES |
| BLOCH, P. B. | 8411130649 | 50-445 G | BORDENICK, B. M. | 8411090291 | 50-322 G | BROOKS, P. | 8411080564 | WASTE RES |
| BLOCH, P. B. | 8411130717 | 50-445 G | BORDENICK, B. M. | 8411090305 | 50-322 G | BROOKS, P. P. | 8411080445 | WASTE RES |
| BLOCH, P. B. | 8411200203 | 50-445 G | BORDENICK, B. M. | 8411190003 | 50-322 G | BROOKS, P. P. | 8411080458 | WASTE RES |
| BLOCH, P. B. | 8411200276 | 50-445 G | BORDENICK, B. M. | 8411200193 | 50-424 G | BROWN, A. | 8411050021 | WASTE RES |
| BLOUGH, A. R. | 8411030200* | 50-277 G | BORDENICK, B. M. | 8411200201 | 50-424 G | BROWN, A. | 8411050053 | WASTE RES |
| BLOUGH, A. R. | 8411090429* | 50-277 G | BORDINE, T. C. | 8411260092 | 50-322 G | BROWN, A. | 8411050068 | WASTE RES |
| BLOUGH, A. R. | 8411130508* | 50-282 G | BORDINE, T. C. | 8411010192 | 50-155 S | BROWN, A. | 8411050219 | WASTE RES |
| BLOUGH, A. R. | 8411160300* | 50-277 G | BORDINE, T. C. | 8411090406 | 50-155 S | BROWN, A. | 8411070275 | WASTE RES |
| BLUBAUGH, R. F. | 8411190059 | 40-3453 | BORDINE, T. C. | 8411120099 | 50-155 P | BROWN, H. H. | 8411010556 | 50-322 G |
| BLUE, L. A. | 8411020228 | 50-395 F | BORDINE, T. C. | 8411260275 | 50-155 P | BROWN, H. H. | 8411010556 | 50-322 G |
| BLUMBERG, N. | 8411120070* | 50-352 G | BORDINE, T. C. | 8411290113 | 50-155 P | BROWN, H. H. | 8411130611 | 50-322 G |
| BLUMBERG, N. | 8411160047* | 50-352 G | BORGSMY, G. L. | 8411050237 | PR | BROWN, J. M. | 7905140460* | FOIA |
| BLOCHMANN, R. G. | 8411010504 | 50-445 G | BOSTED, C. | 8411160415* | 50-528 G | BROWN, J. M. | 8411190345* | FOIA |
| BOGDEN, G. | 8411160553 | 40-8684 | BOTTALDO, A. | 8411290148* | CONTRACT | BROWN, J. M. | 8411190359* | FOIA |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| BROWN, W. B. | 8411070186 | 70-371 | BUSS, D. R. | 8411090176 | WASTE RES | CASTELLO, J. L. | 8411190287* | FOIA |
| BROWN, W. B. | 8411080269 | 70-27 | BUSS, D. R. | 8411090391 | WASTE RES | CASTIGLIONE, L. | 8411090406 | 50-155 G |
| BROWN, W. B. | 8411080384 | 70-371 | BUSS, D. R. | 8411090414 | WASTE RES | CATCHPOLE, G. J. | 8411160648 | 40-8745 |
| BROWN, W. B. | 8411080518 | 70-371 | BUSSOLINI, P. L. | 8411080486* | WASTE RES | CATCHPOLE, G. J. | 8411190091 | 40-8745 |
| BROWN, W. B. | 8411200171 | 70-1151 | BUTCHER, R. C. | 8411120286 | 50-260 S | CATCHPOLE, G. J. | 8411200052 | REGRO |
| BROWN, W. B. | 8411200217 | 70-1151 | BUTCHER, R. C. | 8411140429* | 50-259 G | CERVEN, F. | 8411130734 | NUREG |
| BROWN, W. B. | 8411200221 | TOPREP | BUTLER, M. | 8411080378* | WASTE RES | CESARE, J. G. | 8411210466 | 50-416 R |
| BROWN, W. B. | 8411200442 | 70-371 | BUTLER, S. D. | 8411150137* | 50-327 G | CHAIRES, L. | 8411190168* | FOIA |
| BROWN, W. B. | 8411200546 | 70-371 | BUTLER, W. R. | 8411290327* | FOIA | CHAMBLESS, P. | 84111060391 | I&E |
| BROWN, W. B. | 8411280367 | 70-143 | BUZY, J. J. | 8411200103 | 50-289 T | CHAMBLESS, P. M. | 8411160156 | I&E |
| BROWN, W. B. | 8411280558 | 70-371 | BYERS, R. K. | 8411290061 | NUREG | CHAN, E. I. | 8411200176 | 50-400 G |
| BROWN, W. B. | 8411290049 | 70-27 | BYRD, R. | 8411090199 | 50-416 S | CHANDLER, D. E. | 8411070064* | 50-206 I |
| BROWN, W. B. | 8411290399 | 70-734 | BYRD, R. | 8411130414 | 50-416 S | CHANDLER, D. E. | 8411070124* | 50-206 I |
| BROWN, W. M. | 8406180072* | FOIA | BYRD, R. | 8411290266 | 50-416 S | CHANDLER, D. E. | 8411070130* | 50-206 I |
| BROWNFAIN, J. J. | 8411200300 | PR | BYRD, R. W. | 8411090223 | 50-416 S | CHANDLER, J. C. | 8411190518 | TOPREP |
| BROWNING, J. M. | 8411190275* | FOIA | BYRD, R. W. | 8411280312 | 50-416 S | CHANDLER, J. C. | 8411190531 | TOPREP |
| BROWNING, J. M. | 8411190285* | FOIA | BYRD, R. W. | 8411280319 | 50-416 S | CHANDLER, J. C. | 8411260198 | TOPREP |
| BROWNING, R. E. | 8411050101 | WASTE RES | BYRD, R. W. | 8411290223 | 50-416 S | CHANDLER, L. J. | 8411190511 | 50-275 G |
| BROWNING, R. E. | 8411050105* | WASTE RES | CABELL, A. S. | 841120391* | 71-213 | CHANLEY, H. D. | 8411120051* | 50-382 Q |
| BROWNING, R. E. | 8411080678 | WASTE MGT | CABELL, A. S. | 8411160184* | 71-146 | CHANG, K. C. | 8411050088 | WASTE RES |
| BROWNING, R. E. | 8411290637 | WASTE MGT | CABELL, A. S. | 8411210363* | 71-321 | CHANG, K. C. | 8411080012 | WASTE RES |
| BROWNING, R. E. | 8411290639 | WASTE MGT | CAHILL, M. J. | 8411020295* | 50-438 G | CHANG, K. C. | 8411090020 | WASTE RES |
| BROWNLEE, V. | 8411130503* | 50-269 G | CAHILL, M. J. | 8411050333 | 50-438 G | CHANG, K. C. | 8411080021 | WASTE RES |
| BROWNLEE, V. L. | 8411010411 | 50-281 S | CAHILL, M. J. | 8411130006 | 50-438 A | CHANG, K. C. | 8411080304 | WASTE RES |
| BROWNLEE, V. L. | 8411060460 | 50-369 S | CAHILL, M. J. | 8411190173 | 50-438 K | CHANG, K. C. | 8411080484 | WASTE RES |
| BROWNLEE, V. L. | 8411070111 | 50-413 G | CAIN, C. L. | 8411270066 | I&E | CHANIN, D. I. | 8411130735 | NUREG |
| BROWNLEE, V. L. | 8411130504 | 50-280 G | CAIN, J. M. | 8411020284 | 50-382 A | CHANE, L. | 8411050501 | WASTE RES |
| BROWNLEE, V. L. | 8411130523 | 50-269 G | CAIN, J. M. | 8411020297 | 50-382 A | CHASE, L. | 8411050508 | WASTE RES |
| BROWNLEE, V. L. | 8411140149* | 50-413 G | CAIN, J. M. | 8411260388 | 50-382 A | CHASE, L. | 8411050520 | WASTE RES |
| BROWNLEE, V. L. | 8411140562 | 50-321 G | CALDWELL, R. A. | 8411020378* | 50-443 G | CHASE, L. | 8411050527 | WASTE RES |
| BROWNLEE, V. L. | 8411150153 | 50-280 G | CALDWELL, R. A. | 8411260496* | 50-267 G | CHASE, L. | 8411050545 | WASTE RES |
| BROWNLEE, V. L. | 8411150268 | 50-413 V | CAMPBELL, M. B. | 8411120339* | 50-440 S | CHAUDHARY, S. K. | 8411130508* | 50-352 G |
| BROWNLEE, V. L. | 8411150339 | 50-250 G | CAMPBELL, M. B. | 8411120348* | 50-440 S | CHAUDHARY, S. K. | 8411270369* | 50-352 G |
| BROWNLEE, V. L. | 8411260358 | 50-269 G | CAMPBELL, R. | 8411270190* | 50-412 G | CHEN, I. Y. | 8411280518 | NUREG |
| BROWNLEE, V. L. | 8411270211 | 50-389 S | CAMPBELL, R. M. | 8411090397* | 50-293 G | CHEN, S. | 8409210151* | 50-255 P |
| BROWNLEE, V. L. | 8411280156 | 50-302 G | CAMPBELL, T. S. | 8411130630* | 50-352 T | CHENEY, C. A. | 8411200379* | 50-255 P |
| BRUGGER, R. M. | 8411210001 | 50-186 F | CANTRELL, F. | 8411140049* | 50-395 G | CERRY, J. | 8411030800* | WASTE RES |
| BRUNNER, J. E. | 8411130270 | 50-329 G | CANTRELL, F. S. | 8411130593* | 50-259 G | CHESTNUT, S. H. | 8411150272 | 50-424 G |
| BRYANT, J. | 8411130503* | 50-269 G | CANTRELL, F. S. | 8411140429* | 50-259 G | CHEUNG, L. | 8411160335* | 50-220 G |
| BRYANT, K. R. | 8411150336 | 50-483 R | CANTRELL, F. S. | 8411150274* | 50-348 G | CHILK, S. | 8411090125* | PR |
| BRYANT, K. R. | 8411200036 | 50-483 R | CAPHTON, D. L. | 8411130228* | 50-289 G | CHILK, S. J. | 8410260024 | 50-518 G |
| BUCKLES, J. A. | 8411150068 | 50-315 J | CAPHTON, D. L. | 8411260231 | 50-289 G | CHILK, S. J. | 8411010027 | 100FR |
| BUCKLES, R. | 8411290241 | FOIA | CAPHTON, D. L. | 8411120344* | 50-440 S | CHILK, S. J. | 8411010544 | 50-416 G |
| BUCKLEY, B. C. | 8411290004 | 50-400 A | CAPRA, R. | 8306020266* | FOIA | CHILK, S. J. | 8411020120 | 100FR |
| BUCKLEY, J. T. | 8411070280 | WASTE RES | CAPRA, R. A. | 8411010612* | 50-289 P | CHILK, S. J. | 8411020124 | 50-341 V |
| BUCKLEY, J. T. | 8411080064 | WASTE RES | CAPSTICK, R. W. | 8411130390 | 50-271 P | CHILK, S. J. | 8411060489 | 50-247 G |
| BUCKLEY, J. T. | 8411080071 | WASTE RES | CAREW, J. F. | 8411290250* | TOPREP | CHILK, S. J. | 8411060499 | 50-416 P |
| BUCKLEY, J. T. | 8411080082 | WASTE RES | CAREY, J. J. | 8411020263 | 50-334 P | CHILK, S. J. | 8411070145 | 50-352 G |
| BUCKLEY, J. T. | 8411080294 | WASTE RES | CAREY, J. J. | 8411050242 | 50-334 Q | CHILK, S. J. | 8411130313 | 100FR |
| BUCKLEY, J. T. | 8411080302 | WASTE RES | CAREY, J. J. | 8411060397 | 50-334 P | CHILK, S. J. | 8411130704 | 100FR |
| BUCKLEY, J. T. | 8411080337 | WASTE RES | CAREY, J. J. | 8411080230 | 50-334 G | CHILK, S. J. | 8411160053 | 50-289 P |
| BUCKLEY, J. T. | 8411080359 | WASTE RES | CAREY, J. J. | 8411140161 | 50-334 F | CHILK, S. J. | 8411160101 | 100FR |
| BUCKLEY, J. T. | 8411080422 | WASTE RES | CAREY, J. J. | 8411190289 | 50-334 R | CHILK, S. J. | 8411160169 | 50-320 P |
| BUCKLEY, J. T. | 8411080473 | WASTE RES | CAREY, J. J. | 8411160297* | 50-334 G | CHILK, S. J. | 8411160176 | 50-3 G |
| BUCKLEY, J. T. | 8411080531 | WASTE RES | CAREY, J. J. | 8411270249 | 50-334 P | CHILK, S. J. | 8411200002 | 50-289 G |
| BUDDHLE | 8411130498 | 50-295 S | CAREY, J. J. | 8411270254* | 50-334 P | CHILK, S. J. | 8411200004 | 50-275 G |
| BUHRING, W. A. | 8411080457 | NUREG | CAREY, M. E. | 8411050327 | PR | CHILK, S. J. | 8411200008 | 50-275 G |
| BUMP, T. R. | 8411130871 | NUREG | CARL, G. R. | 8411070051* | 50-443 A | CHILK, S. J. | 8411200013 | 50-275 G |
| BUNDY, H. F. | 8411030332* | 50-482 G | CARPENTER, D. R. | 8411030332* | 50-482 G | CHILK, S. J. | 8411200180 | 50-322 Q |
| BUNTING, J. D. | 8411290672 | WASTE MGT | CARPENTER, D. R. | 8411280255* | 50-498 G | CHILK, S. J. | 8411270215 | 50-382 Q |
| BURDICK, T. M. | 8411060516* | 50-454 G | CARPENTER, F. D. | 8411030273 | 50-352 R | CHILK, S. J. | 8411280294 | 100FR |
| BURDOIN, J. F. | 8411090146* | 50-328 G | CARR, A. V. | 8411070143 | 50-413 G | CHILK, S. J. | 8411280592 | 100FR |
| BURDOIN, J. F. | 8411150169* | 50-206 G | CARROW, H. | 8411020061 | 50-400 G | CHIRAMAL, M. | 8411090124 | MISC |
| BURGER, C. | 8411090081 | 50-287 S | CARROW, H. | 8411050461 | 50-400 G | CHIRAMAL, M. | 8411050132* | MISC |
| BURGER, F. J. | 8411280010 | 50-271 R | CARROW, H. | 8411070225 | 50-400 G | CHIRAMAL, M. | 8411050398 | MISC |
| BURGESS, B. | 8411060363 | 50-282 S | CARROW, H. | 8411070228* | 50-400 G | CHIRAMAL, M. | 8411060200 | 50-271 S |
| BURGIN, R. | 8411260429 | I&E | CARROW, H. | 8411290422 | 50-400 G | CHIRAMAL, M. | 8411120266 | 50-278 S |
| BURKE, D. J. | 8411130713* | 50-280 G | CARSON, B. | 8411160335* | 50-220 G | CHIRUVOLU, M. | 8411080305 | 50-445 A |
| BURNETT, P. T. | 8411130691* | 50-250 G | CARSON, B. | 8411210322* | 50-354 G | CHOPRA, D. K. | 8411130593 | NUREG |
| BURNETT, P. T. | 8411140223* | 50-416 G | CARSON, B. | 8411280604* | 50-277 G | CHOULES, N. | 8411120204* | 50-266 G |
| BURNETT, P. T. | 8411140532* | 50-321 G | CARTER, R. S. | 8411050296 | PR | CHRISOTIMOS, N. | 8411130380* | 50-254 G |
| BURNETT, P. T. | 8411190505 | 40-2061 | CARTIN, L. R. | 8411070151* | TOPREP | CHRISOTIMOS, N. | 8411130495* | 50-254 G |
| BURNETT, P. T. | 8411210164 | 40-2061 | CARUSO, R. | 8411260228 | 50-322 A | CHRISOTIMOS, N. | 8411270285 | 50-374 S |
| BURNETT, P. T. | 8411210190 | 40-2061 | CARVER, G. A. | 8411290214* | FOIA | CHRISOTIMOS, N. | 8411290421* | 50-10 G |
| BURNETT, P. T. | 8411210208 | 40-2061 | CASCARANO, R. N. | 8411060462 | 50-295 P | CHRISTENSEN, J. | 8411060448* | 50-289 T |
| BURNETT, P. T. | 8411260189 | 40-2061 | CASCARANO, R. N. | 8411140333 | 50-295 P | CHRISTENSEN, J. | 8411060504* | 50-289 T |
| BURNETT, P. T. | 8411190538* | 70-1739 | CASCARANO, R. N. | 8411270281 | 50-295 G | CHRISTENSEN, S. | 8411070444 | 50-322 T |
| BURNETT, P. T. | 8411130539* | 50-259 G | CASCARANO, R. N. | 8411270398 | 50-295 G | CHRISTMAN, J. N. | 8411210405 | 50-322 Q |
| BURNETT, P. T. | 8411070069* | 50-445 G | CASE, E. | 8411260145 | 50-289 P | CHRISTNOT, E. | 8411060082* | 50-456 G |
| BURNETT, P. T. | 8411070069* | 50-445 G | CASE, E. G. | 8411160341* | 50-483 P | CHRISTNOT, E. F. | 8411160513* | 50-456 G |
| BURNETT, P. T. | 8411200375 | 50-445 A | CASE, E. G. | 8411260153 | 50-289 P | CHRISTOPHER, R. | 8411120252* | 50-387 Q |
| BURNETT, P. T. | 8411260522 | 50-352 G | CASE, J. M. | 8411160315 | TOPREP | CHRISTOPHER, R. | 8411260081 | 50-289 P |
| BURNETT, P. T. | 8411190330 | 50-352 G | CASTELLO, J. L. | 8411190223* | FOIA | CHRISTOPHER, R. | 8411260212 | 50-289 G |
| BURNETT, P. T. | 8411190339* | 50-352 G | CASTELLO, J. L. | 8411190253* | FOIA | CHRISTOPHER, R. | 8411260225 | 50-289 G |
| BURNETT, P. T. | 8411090100 | WASTE RES | CASTELLO, J. L. | 8411190273* | FOIA | CHRISTOPHER, R. | 8411260260 | 50-289 G |

PERSONAL AUTHOR INDEX

459

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|
| CHU, T. Y. | 8411290150 | NUREG | COLLINS, J. L. | 8411290160 | NUREG | COOK, K. W. | 8411160375 | 50-382 S |
| CHUANG, T. Y. | 8411140107 | NUREG | COLLINS, R. | 8411080456 | WASTE MGT | COOK, K. W. | 8411190406 | 50-382 H |
| CHUNG, D. H. | 8411080179 | WASTE RES | COLLINS, R. | 8411090467 | WASTE MGT | COOK, K. W. | 8411260357 | 50-382 A |
| CHUNG, D. H. | 8411080194 | WASTE RES | COLLINS, S. J. | 8411010175* | 50-410 G | COOK, K. W. | 8411260394 | 50-382 A |
| CHUNG, D. H. | 8411080668 | WASTE RES | COLLINS, S. J. | 8411020202* | 50-244 G | COOK, K. W. | 8411260405 | 50-382 A |
| CHUNG, D. H. | 8411290527 | WASTE RES | COLLINS, S. J. | 8411090514* | 50-244 G | COOK, K. W. | 8411290104 | 50-382 A |
| CHURCHILL, B. W. | 8411020047 | 50-382 G | COLLINS, S. J. | 8411130136 | 50-410 G | COOK, K. W. | 8411290563 | 50-382 S |
| CHURCHILL, B. W. | 8411020047 | 50-382 G | COLLINS, S. J. | 8411160417* | 50-333 G | COOK, R. | 8411120082* | 50-320 G |
| CHURCHILL, B. W. | 8411060423 | 50-382 G | COLLINS, S. J. | 8411260369* | 50-244 G | COOK, R. | 8411130338* | 50-320 G |
| CHURCHILL, B. W. | 8411060423 | 50-382 G | COLLINS, S. J. | 8411260378* | 50-220 G | COOK, R. | 8411160125* | 50-320 G |
| CHURCHILL, B. W. | 8411190410 | 50-382 G | COLLINS, S. J. | 8411270158* | 50-333 G | COOK, W. A. | 8411020202* | 50-244 G |
| CHURCHILL, B. W. | 8411190410 | 50-382 G | COLLINS, S. J. | 8411290360 | 50-312 R | COOK, W. A. | 8411090514* | 50-244 G |
| CHURCHILL, B. W. | 8411200289 | 50-382 G | COMBES, F. | 8411190214* | FOIA | COOK, W. A. | 8411260369* | 50-244 G |
| CHURCHILL, B. W. | 8411200289 | 50-382 G | COMBES, F. | 8411190366* | FOIA | COOKE, B. | 8411060555 | WASTE RES |
| CHURCHILL, B. W. | 8411200233* | 50-89 G | COMBES, F. | 8411190400* | FOIA | COOKE, B. | 8411060561 | WASTE RES |
| CINTULA, T. C. | 8411060168 | 50-382 S | COMBS, F. C. | 8411190352* | FOIA | COOKE, B. | 8411080005 | WASTE RES |
| CIOFFI, J. | 8411280604* | 50-277 G | CONLON, T. E. | 8411080309* | 50-400 G | COOKE, B. | 8411080097 | WASTE RES |
| CIOFFI, J. A. | 8411190313 | 50-213 G | CONLON, T. E. | 8411080355* | 50-438 G | COOKE, B. | 8411080298 | WASTE RES |
| CLAIBORNE, H. C. | 8411080419 | WASTE RES | CONLON, T. E. | 8411130490* | 50-400 G | COOKE, B. | 8411080298 | WASTE RES |
| CLAIBORNE, H. C. | 8411090220 | WASTE RES | CONLON, T. E. | 8411130716* | 50-413 G | COOKE, B. A. | 8411060534 | WASTE RES |
| CLARK, C. | 8411090146* | 50-528 G | CONLON, T. E. | 8411140101* | 50-424 G | COOKE, B. A. | 8411080035 | WASTE RES |
| CLARK, J. R. | 8411280580 | 70-143 | CONLON, T. E. | 8411140409* | 50-390 G | COOKE, B. A. | 8411080040 | WASTE RES |
| CLARK, L. | 8411050209* | 50-443 A | CONLON, T. E. | 8411150230* | 50-321 G | COOKE, B. A. | 8411080078 | WASTE RES |
| CLARK, L. | 8411060547 | 50-443 G | CONLON, T. E. | 8411160022* | 50-259 G | COOKE, B. A. | 8411080085 | WASTE RES |
| CLARK, P. R. | 8411010240 | 50-289 F | CONNER, E. | 8411080207* | 50-289 G | COOKE, B. A. | 8411080172 | WASTE RES |
| CLARK, P. R. | 8411060117 | 50-289 P | CONNER, E. L. | 8411090411* | 50-219 G | COOKE, B. A. | 8411080226 | WASTE RES |
| CLARK, R. J. | 8411010125 | 50-259 P | CONNER, T. B. | 8411130603 | 50-352 G | COOKE, B. A. | 8411080434 | WASTE RES |
| CLARK, R. J. | 8411010129 | 50-259 P | CONNER, T. B. | 8411130603 | 50-352 G | COOKE, B. A. | 8411080569 | WASTE RES |
| CLARK, R. J. | 8411010251 | 50-259 P | CONNER, T. B. | 8411140476 | 50-354 G | COOKE, B. A. | 8411090097 | WASTE RES |
| CLARK, R. J. | 8411060286 | 50-259 P | CONNER, T. B. | 8411140476 | 50-354 G | COOKE, B. A. | 8411090207 | WASTE RES |
| CLARK, R. L. | 8411130643 | NUREG | CONNERS, J. D. | 8411120398 | 71-261 | COOL, D. A. | 8411080406 | 40-7455 |
| CLARK, R. L. | 8411190136* | FOIA | CONNOLLY, D. J. | 8411260260 | 50-289 G | COOL, D. A. | 8411160472 | 40-8724 |
| CLARK, R. L. | 8411190142* | FOIA | CONNOR, L. | 8411290178 | FOIA | CODLEY, R. A. | 8411060361* | 50-313 G |
| CLARK, R. L. | 8411190164* | FOIA | CONNORS, G. R. | 8411120374* | 50-400 A | COOPER, M. R. | 8411030660 | 50-327 S |
| CLARK, R. L. | 8411190171* | FOIA | CONSTABLE, G. L. | 8411070133* | 50-382 G | COOPER, M. R. | 8411030667 | 50-328 S |
| CLARK, R. L. | 8411190270* | FOIA | CONTE, R. | 8411080207* | 50-289 G | COOPER, M. R. | 8411130638 | 50-327 S |
| CLARK, R. L. | 8411190274* | FOIA | CONTI, E. F. | 8411090234 | WASTE RES | COOPER, M. R. | 8411160041 | 50-327 S |
| CLARK, R. L. | 8411190290* | FOIA | CONWAY, R. E. | 8411080296 | 50-424 A | COOPER, W. T. | 8411140553* | 50-390 G |
| CLARK, R. L. | 8411190304* | FOIA | CONWAY, R. E. | 8411120102 | 50-321 P | COOPER, W. T. | 8411280209 | 50-261 S |
| CLARK, R. L. | 8411190316* | FOIA | CONWAY, R. E. | 8411210140 | 50-321 P | COPCUTT, B. G. | 8411160209 | 50-62 S |
| CLAUSEN, M. J. | 8411270353 | 50-482 G | COOK, B. | 8411080234 | WASTE RES | COPELL, D. A. | 8411190179* | FOIA |
| CLEMENTS, B. R. | 8411050470 | 50-445 S | COOK, B. A. | 8411130557 | NUREG | COPELL, D. A. | 8411190282* | FOIA |
| CLEMENTS, B. R. | 8411130642 | 50-445 S | COOK, C. R. | 8411050417* | 50-390 A | CORNIER, W. H. | 8411060230 | 50-142 G |
| CLEMENTS, B. R. | 8411150056 | 50-445 K | COOK, D. A. | 8411190414* | FOIA | CORNIER, W. H. | 8411150260 | 50-142 G |
| CLEMENTS, B. R. | 8411160609 | 50-445 S | COOK, D. H. | 8411270043 | NUREG | CORNIER, W. H. | 8411150263* | 50-142 G |
| CLEMENTS, B. R. | 8411160617 | 50-445 S | COOK, J. | 8411200012 | 50-333 R | CORRADO, J. A. | 8411080352 | WASTE RES |
| CLEMENTS, B. R. | 8411160619 | 50-445 S | COOK, J. W. | 8411210246 | 50-329 S | CORTLAND, P. | 8411060153 | 1&E |
| CLEMENTS, B. R. | 8411210222 | 50-445 S | COOK, K. W. | 8411020233 | 50-382 S | COSTANZI, F. A. | 8411090229 | WASTE MGT |
| CLEMENTS, B. R. | 8411260160 | 50-445 F | COOK, K. W. | 8411020277 | 50-382 F | COSTELLO, F. | 8411160239 | 1&E |
| CLEMENTS, P. | 8411010024* | 50-286 G | COOK, K. W. | 8411020286 | 50-382 S | COSTELLO, F. | 8411260045 | 1&E |
| CLEMENTS, P. | 8411200145* | 50-247 G | COOK, K. W. | 8411050145 | 50-382 H | COSTELLO, F. | 8411260458 | NUREG |
| CLEMENTS, P. | 8411210464* | 50-334 G | COOK, K. W. | 8411050274 | 50-382 A | COSTELLO, F. | 8411280604* | 50-277 G |
| CLEVELAND, J. C. | 8411130676 | NUREG | COOK, K. W. | 8411060270 | 50-382 A | COSTELLO, J. R. | 8411130723* | 0A999 |
| CLIFFORD, J. W. | 8411120061 | TOPREP | COOK, K. W. | 8411070166 | 50-382 G | COTTER, B. P. | 8411270202 | 50-458 G |
| CLIFTON, P. M. | 8411080493* | WASTE RES | COOK, K. W. | 8411090098 | 50-382 F | COUNCIL, W. G. | 8411010190* | 50-245 G |
| CLIMER | 8411130675 | 50-316 R | COOK, K. W. | 8411090179 | 50-382 F | COUNCIL, W. G. | 8411010190* | 50-245 G |
| CLIMER, D. | 8411160002 | 50-315 R | COOK, K. W. | 8411090194 | 50-382 S | COUNCIL, W. G. | 8411010303 | 50-423 E |
| CLINE, W. E. | 8411140469* | 50-390 G | COOK, K. W. | 8411090215 | 50-382 A | COUNCIL, W. G. | 8411010303 | 50-423 E |
| CLINE, W. E. | 8411140566* | 50-321 G | COOK, K. W. | 8411120110 | 50-382 A | COUNCIL, W. G. | 8411010335 | 50-213 P |
| CLINE, W. E. | 8411140610* | 50-416 G | COOK, K. W. | 8411120130 | 50-382 A | COUNCIL, W. G. | 8411010424 | 50-423 E |
| CLINE, W. E. | 8411140613* | 50-269 G | COOK, K. W. | 8411130003 | 50-382 S | COUNCIL, W. G. | 8411010424 | 50-423 E |
| CLINE, W. E. | 8411150157* | 50-280 G | COOK, K. W. | 8411130109 | 50-382 F | COUNCIL, W. G. | 8411030348 | 50-336 G |
| CLINE, W. E. | 8411150331* | 50-335 G | COOK, K. W. | 8411130292 | 50-382 S | COUNCIL, W. G. | 8411030348 | 50-336 G |
| CLINE, W. E. | 8411150342* | 50-250 G | COOK, K. W. | 8411130565 | 50-382 S | COUNCIL, W. G. | 8411030720 | 50-423 S |
| CLINE, W. E. | 8411160031* | 50-261 G | COOK, K. W. | 8411130634 | 50-382 S | COUNCIL, W. G. | 8411030720 | 50-423 S |
| CLINE, W. E. | 8411280209 | 50-261 S | COOK, K. W. | 8411130647 | 50-382 S | COUNCIL, W. G. | 8411030094 | 50-245 F |
| CLINTON, J. | 8411130577 | NUREG | COOK, K. W. | 8411130654 | 50-382 S | COUNCIL, W. G. | 8411030094 | 50-245 F |
| CLOSSEY, L. C. | 8411290612* | FOIA | COOK, K. W. | 8411130677 | 50-382 S | COUNCIL, W. G. | 8411030240 | 50-423 E |
| CLOSSEY, L. C. | 8411290622* | FOIA | COOK, K. W. | 8411140005 | 50-382 G | COUNCIL, W. G. | 8411030240 | 50-423 E |
| CLOW, H. E. | 8411290330 | 50-213 S | COOK, K. W. | 8411140043 | 50-382 S | COUNCIL, W. G. | 8411030306 | 50-423 A |
| COBB, A. B. | 8411120081* | CONTRACT | COOK, K. W. | 8411140055 | 50-382 S | COUNCIL, W. G. | 8411030306 | 50-423 A |
| COCK, D. | 8411070237 | XPORTLIC | COOK, K. W. | 8411140085 | 50-382 S | COUNCIL, W. G. | 8411030390 | 50-245 P |
| CODELL, R. | 8411090341 | WASTE RES | COOK, K. W. | 8411140206 | 50-382 S | COUNCIL, W. G. | 8411030390 | 50-245 P |
| COE, R. P. | 8411060448* | 50-289 T | COOK, K. W. | 8411140248 | 50-382 A | COUNCIL, W. G. | 8411050425 | 50-213 P |
| COE, R. P. | 8411060493* | 50-289 T | COOK, K. W. | 8411140336 | 50-382 S | COUNCIL, W. G. | 8411050425 | 50-213 P |
| COHEN, L. | 8411260458 | NUREG | COOK, K. W. | 8411140515 | 50-382 S | COUNCIL, W. G. | 8411060610 | 50-423 S |
| COHEN, S. | 8411160028 | NUREG | COOK, K. W. | 8411140522 | 50-382 S | COUNCIL, W. G. | 8411060610 | 50-423 S |
| COLE, R. F. | 8411050441 | 50-434 G | COOK, K. W. | 8411140529 | 50-382 S | COUNCIL, W. G. | 8411070020 | 50-245 F |
| COLE, R. K. | 8411290068 | NUREG | COOK, K. W. | 8411140537 | 50-382 S | COUNCIL, W. G. | 8411070020 | 50-245 F |
| COLE, S. H. | 8411210084 | 71-161 | COOK, K. W. | 8411140550 | 50-382 S | COUNCIL, W. G. | 8411080199 | 50-213 P |
| COLEY, J. L. | 8411050442* | 50-324 G | COOK, K. W. | 8411150135 | 50-382 S | COUNCIL, W. G. | 8411090201 | 50-213 S |
| COLEY, J. L. | 8411140394* | 50-438 G | COOK, K. W. | 8411160010 | 50-382 S | COUNCIL, W. G. | 8411090221 | 50-423 E |
| COLEY, R. F. | 8411150029* | 50-237 P | COOK, K. W. | 8411160035 | 50-382 S | COUNCIL, W. G. | 8411090221 | 50-423 E |
| COLLINGS, S. P. | 8411190607 | 40-8829 | COOK, K. W. | 8411160248 | 50-382 S | COUNCIL, W. G. | 8411130026 | 50-423 S |
| COLLINS, D. | 8411130338* | 50-320 G | COOK, K. W. | 8411160281 | 50-382 A | COUNCIL, W. G. | 8411130026 | 50-423 S |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|---------------------|---------------------|-------------------|---------------------|---------------------|------------------|---------------------|---------------------|
| COUNCIL, W. G. | 8411130215 | 50-423 S | CROSSMAN, W. A. | 8411070133* | 50-382 Q | DAILEY, J. | 8411210237 | QA999 |
| COUNCIL, W. G. | 8411130215 | 50-423 S | CROSSMAN, W. A. | 8411120051* | 50-382 Q | DALE, L. F. | 8411010153 | 50-417 S |
| COUNCIL, W. G. | 8411140164 | 50-213 P | CROUSE, R. P. | 8411050106 | 50-346 P | DALE, L. F. | 8411090199 | 50-416 S |
| COUNCIL, W. G. | 8411190102 | 50-423 S | CROUSE, R. P. | 8411060369* | 50-346 Q | DALE, L. F. | 8411090223 | 50-416 S |
| COUNCIL, W. G. | 8411190102 | 50-423 S | CROUSE, R. P. | 8411120224 | 50-346 P | DALE, L. F. | 8411130414 | 50-416 S |
| COUNCIL, W. G. | 8411190283 | 50-423 F | CROUSE, R. P. | 8411120229* | 50-346 P | DALE, L. F. | 8411150009 | 50-416 G |
| COUNCIL, W. G. | 8411190283 | 50-423 F | CROUSE, R. P. | 8411120277 | 50-346 P | DALE, L. F. | 8411160173 | 50-417 S |
| COUNCIL, W. G. | 8411190291 | 50-423 E | CROUSE, R. P. | 8411120284* | 50-346 P | DALE, L. F. | 8411160621 | 50-416 S |
| COUNCIL, W. G. | 8411190291 | 50-423 E | CROUSE, R. P. | 8411130376* | 50-346 Q | DALE, L. F. | 8411200044 | 50-416 S |
| COUNCIL, W. G. | 8411190299 | 50-423 F | CROUSE, R. P. | 8411130015 | 50-346 P | DALE, L. F. | 8411200082 | 50-416 P |
| COUNCIL, W. G. | 8411190299 | 50-423 F | CROUSE, R. P. | 8411130089 | 50-346 P | DALE, L. F. | 8411200305 | 50-416 P |
| COUNCIL, W. G. | 8411190403 | 50-213 P | CROUSE, R. P. | 8411160104 | 50-346 P | DALE, L. F. | 8411210132 | 50-416 P |
| COUNCIL, W. G. | 8411190416 | 50-245 P | CROUSE, R. P. | 8411160113* | 50-346 P | DALE, L. F. | 8411210210 | 50-417 S |
| COUNCIL, W. G. | 8411190416 | 50-245 P | CROUSE, R. P. | 8411160131 | 50-346 S | DALE, L. F. | 8411210466 | 50-416 R |
| COUNCIL, W. G. | 8411190438 | 50-213 P | CROUSE, R. P. | 8411270408 | 50-346 P | DALE, L. F. | 8411260030 | 50-416 P |
| COUNCIL, W. G. | 8411190541 | 50-336 Q | CROW, W. T. | 8411010179* | 70-1257 | DALE, L. F. | 8411270135 | 50-416 R |
| COUNCIL, W. G. | 8411190541 | 50-336 Q | CROW, W. T. | 8411080382 | 70-1151 | DALE, L. F. | 8411270492 | 50-416 R |
| COUNCIL, W. G. | 8411200204 | 50-213 F | CROWLEY, B. R. | 8411140496* | 50-416 Q | DALE, L. F. | 8411280172 | 50-416 S |
| COUNCIL, W. G. | 8411210290 | 50-423 D | CROWLEY, J. L. | 8411210286 | 71-301 | DALE, L. F. | 8411280290 | 50-416 F |
| COUNCIL, W. G. | 8411260367 | 50-245 F | CROY, P. A. | 8411160318 | 50-206 F | DALE, L. F. | 8411280312 | 50-416 S |
| COUNCIL, W. G. | 8411260367 | 50-245 F | CRUTCHFIELD, D. | 8411010043 | MISC | DALE, L. F. | 8411280319 | 50-416 S |
| COUNCIL, W. G. | 8411270226 | 50-423 F | CRUTCHFIELD, D. | 8411010146 | 50-454 A | DALE, L. F. | 8411290223 | 50-416 S |
| COUNCIL, W. G. | 8411270226 | 50-423 F | CRUTCHFIELD, D. | 8411010298* | 50-29 P | DALE, L. F. | 8411290266 | 50-416 S |
| COUNCIL, W. G. | 8411280576 | 50-423 S | CRUTCHFIELD, D. | 8411120182* | 50-244 P | DALE, L. F. | 8411290623 | 50-417 S |
| COUNCIL, W. G. | 8411280576 | 50-423 S | CRUTCHFIELD, D. | 8411160379 | MISC | DALTRUFF, S. L. | 8411010157 | 50-277 P |
| COUNCIL, W. G. | 8411290330 | 50-213 S | CULBERTSON, D. L. | 8411130294 | 71-23 | DALTRUFF, S. L. | 8411010176 | 50-352 F |
| COUNCIL, W. G. | 8411290330* | WASTE RES | CULLEN, E. J. | 8411010173 | 50-352 Q | DALTRUFF, S. L. | 8411010270 | 50-277 F |
| COVEY, J. M. | 8411050303 | QA999 | CULLEN, E. J. | 8411210005 | 50-352 F | DALTRUFF, S. L. | 8411050158 | 50-277 P |
| COWAN, R. L. | 8411260383* | 50-237 P | CULLEN, E. J. | 8411260106 | 50-352 Q | DALTRUFF, S. L. | 8411060134 | 50-277 P |
| COWGILL, C. | 8411090411* | 50-219 G | CULVER, E. | 8411080289 | 50-289 H | DALTRUFF, S. L. | 8411060247 | 50-277 P |
| COYLE, L. | 8411270002 | 50-249 S | CUMMINGS, G. E. | 8411080668 | WASTE RES | DALTRUFF, S. L. | 8411070178 | 50-277 F |
| COZENS, G. B. | 8411270003 | 50-187 R | CUMMINGS, J. J. | 8411260050 | 50-289 P | DALTRUFF, S. L. | 8411210270 | 50-352 F |
| CRAFT, C. M. | 8411290131 | MUREG | CUMMINGS, J. J. | 8411260058 | 50-289 P | DALTRUFF, S. L. | 8411120438 | 50-352 F |
| CRANE, P. A. | 8411150098 | 50-275 J | CUMMINGS, J. J. | 8411260067 | 50-289 Q | DALTRUFF, S. L. | 8411130159 | 50-352 F |
| CRANE, P. A. | 8411290041 | 50-275 P | CUMMINGS, J. J. | 8411260121 | 50-289 P | DALTRUFF, S. L. | 8411130581* | 50-352 Q |
| CRANE, P. A. | 8411290042 | 50-275 E | CUMMINGS, J. J. | 8411260126 | 50-289 P | DALTRUFF, S. L. | 8411190399 | 50-277 F |
| CRANSTON, A. | 8411050381 | PR | CUMMINGS, J. J. | 8411260130 | 50-289 P | DALTRUFF, S. L. | 8411200093 | 50-277 F |
| CRANSTON, A. | 8411050384* | PR | CUMMINGS, J. J. | 8411260136 | 50-289 P | DALTRUFF, S. L. | 8411200295 | 50-277 P |
| CRANWELL, R. M. | 8411080476 | WASTE RES | CUMMINGS, J. J. | 8411260267 | 50-289 P | DALTRUFF, S. L. | 8411260259 | 50-277 Q |
| CRANWELL, R. M. | 8411080472 | WASTE RES | CUMMINGS, J. J. | 8411290183* | FOIA | DALTRUFF, S. L. | 8411260389 | 50-277 F |
| CRANWELL, R. M. | 8411090004 | WASTE RES | CUMMINGS, J. J. | 8411290188* | FOIA | DANCE, H. C. | 8411010073 | 50-413 F |
| CREED, J. | 8411190492 | 50-263 S | CUMMINGS, J. J. | 8411290220* | FOIA | DANCE, H. C. | 8411010185 | 50-424 V |
| CREED, J. | 8411270359 | 50-263 S | CUMMINGS, R. A. | 8411080050 | WASTE RES | DANCE, H. C. | 8411060460 | 50-369 S |
| CREED, J. | 8411270387 | 50-10 S | CUMMINGS, R. A. | 8411080413 | WASTE RES | DANCE, H. C. | 8411070002 | 50-302 S |
| CREED, J. R. | 8411060139* | 50-440 Q | CUMMINGS, R. A. | 8411080471 | WASTE RES | DANCE, H. C. | 8411090081 | 50-287 S |
| CREED, J. R. | 8411060279* | 50-150 Q | CUMMINGS, R. A. | 8411080480 | WASTE RES | DANCE, H. C. | 8411130499 | 50-269 Q |
| CREED, J. R. | 8411130377* | 50-461 Q | CUMMINGS, R. A. | 8411080501 | WASTE RES | DANCE, H. C. | 8411130673 | 50-290 Q |
| CREED, J. R. | 8411190538* | 70-1739 | CUMMINGS, R. A. | 8411080521 | WASTE RES | DANCE, H. C. | 8411130690 | 50-413 Q |
| CREED, J. R. | 8411210073* | 50-10 Q | CUMMINGS, R. A. | 8411090048 | WASTE RES | DANCE, H. C. | 8411130707 | 50-280 Q |
| CREWS, J. L. | 8411280006* | 50-344 Q | CUMMINS, J. E. | 8411060525* | 50-445 Q | DANCE, H. C. | 8411140048 | 50-280 Q |
| CRLENJAK, R. V. | 8411150281* | 50-321 Q | CUNNINGHAM, A. L. | 8411140566* | 50-321 Q | DANCE, H. C. | 8411140076 | 50-335 Q |
| CROCKER, L. P. | 8309250011 | 50-219 P | CUNNINGHAM, A. L. | 8411140610* | 50-416 Q | DANCE, H. C. | 8411140095 | 50-424 Q |
| CROCKER, L. P. | 8411260095 | 50-289 P | CUNNINGHAM, G. E. | 8411080568 | 27-48 | DANCE, H. C. | 8411140135 | 50-413 Q |
| CROCKER, L. P. | 8411260102 | 50-289 P | CUNNINGHAM, G. E. | 8411130386 | 50-70 F | DANCE, H. C. | 8411140166 | 50-338 Q |
| CROFF, A. G. | 8411080010 | WASTE RES | CUNNINGHAM, G. E. | 8411140281 | 50-73 P | DANCE, H. C. | 8411140285 | 50-424 Q |
| CROFF, A. G. | 8411080013 | WASTE RES | CUNNINGHAM, G. H. | 8411260077 | 50-289 Q | DANCE, H. C. | 8411140458 | 50-338 Q |
| CROFF, A. G. | 8411080024 | WASTE RES | CUNNINGHAM, G. H. | 8411260109 | 50-289 Q | DANCE, H. C. | 8411140475 | 50-413 Q |
| CROFF, A. G. | 8411080113 | WASTE RES | CUNNINGHAM, R. E. | 8103170759* | FOIA | DANCE, H. C. | 8411140527 | 50-321 Q |
| CROFF, A. G. | 8411080162 | WASTE RES | CUNNINGHAM, R. E. | 8103170763* | FOIA | DANCE, H. C. | 8411140542 | 50-280 Q |
| CROFF, A. G. | 8411080254 | WASTE RES | CUNNINGHAM, R. E. | 8103230425* | FOIA | DANCE, H. C. | 8411140549 | 50-424 Q |
| CROFF, A. G. | 8411080266 | WASTE RES | CUNNINGHAM, R. E. | 8103230435* | FOIA | DANCE, H. C. | 8411140594 | 50-413 Q |
| CROFF, A. G. | 8411080274 | WASTE RES | CUNNINGHAM, R. E. | 8411120025 | 40-8027 | DANCE, H. C. | 8411140612 | 50-269 Q |
| CROFF, A. G. | 8411080311 | WASTE RES | CUOCO, L. M. | 8411190505 | 40-2061 | DANCE, H. C. | 8411150206 | 50-321 Q |
| CROFF, A. G. | 8411080316 | WASTE RES | CUOCO, L. M. | 8411210200 | 40-2061 | DANCE, H. C. | 8411150216* | 50-321 Q |
| CROFF, A. G. | 8411080323 | WASTE RES | CUOCO, L. M. | 8411260241 | 40-2061 | DANCE, H. C. | 8411150321 | 50-335 Q |
| CROFF, A. G. | 8411080329 | WASTE RES | CURTIS, N. W. | 8411050337 | 50-387 P | DANDOIS, D. B. | 8411290588* | FOIA |
| CROFF, A. G. | 8411080330 | WASTE RES | CURTIS, N. W. | 8411050404 | 50-387 P | DANDOIS, D. B. | 8411290593* | FOIA |
| CROFF, A. G. | 8411080332 | WASTE RES | CURTIS, N. W. | 8411050406* | 50-387 P | DANDOIS, D. B. | 8411290608* | FOIA |
| CROFF, A. G. | 8411080363 | WASTE RES | CURTIS, N. W. | 8411070106 | 50-388 P | DANESE, F. L. | 8411020136 | 50-295 F |
| CROFF, A. G. | 8411080368 | WASTE RES | CURTIS, N. W. | 8411120329 | 50-387 P | DANESE, F. L. | 8411130312 | 71-9183 |
| CROFF, A. G. | 8411080381 | WASTE RES | CURTIS, N. W. | 8411120360* | 50-387 P | DANIELSON, B. R. | 8411130493 | 50-213 S |
| CROFF, A. G. | 8411080385 | WASTE RES | CURTIS, N. W. | 8411140375 | 50-387 H | DANIELSON, D. H. | 8411060553* | 50-434 S |
| CROFF, A. G. | 8411080390 | WASTE RES | CURTIS, N. W. | 8411160361 | 50-388 P | DANIELSON, D. H. | 8411130266* | 50-461 S |
| CROFF, A. G. | | WASTE RES | CURTIS, N. W. | 8411190540 | 50-387 P | DANIELSON, D. H. | 8411130501* | 50-461 Q |
| CROFF, A. G. | | WASTE RES | CURTIS, N. W. | 8411200259 | 50-387 P | DANIELSON, D. H. | 8411160152* | 50-456 Q |
| CROFF, A. G. | | WASTE RES | CURTIS, N. W. | 8411290155 | 50-387 P | DARKE, J. | 8411280069 | 50-275 H |
| CROFF, A. G. | | WASTE RES | CURTIS, N. W. | 8411290162* | 50-387 P | DAVENPORT, K. E. | 8411130691* | 50-290 Q |
| CROFF, A. G. | | WASTE RES | CURTIS, N. W. | 8411290171 | 50-387 P | DAVENPORT, K. E. | 8411140223* | 50-416 Q |
| CROFF, A. G. | | WASTE RES | CURTIS, R. H. | 8411080425* | WASTE RES | DAVIS, A. B. | 8411280607 | 50-461 Q |
| CROFF, A. G. | | WASTE RES | CUTTER, A. B. | 8411070057 | 50-324 P | DAVIS, B. | 8411150286 | 50-289 Q |
| CROFF, A. G. | | WASTE RES | CUTTER, A. B. | 8411070076 | 50-400 K | DAVIS, F. C. | 8411190376* | FOIA |
| CROFF, A. G. | | WASTE RES | CUTTER, A. B. | 8411140116 | 71-345 | DAVIS, K. A. | 8411280163 | CONTRACT |
| CROFF, A. G. | | WASTE RES | CUTTER, A. B. | 8411150008 | 50-261 P | DAVIS, M. J. | 8411130713* | 50-280 Q |
| CROFF, A. G. | | WASTE RES | DAEMEN, J. | 8411080379 | WASTE RES | DAVIS, M. S. | 8411080132* | WASTE RES |
| CROFF, A. G. | | WASTE RES | DAFT, C. T. | 8411160113* | 50-346 P | DAVIS, M. S. | 8411080673 | WASTE RES |

PERSONAL AUTHOR INDEX

461

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|
| DAWSON, T. H. | 8411120138* | 50-335 S | DEWITT, R. B. | 8411290349* | 50-155 P | DIXON, O. W. | 8411130241* | 50-395 Q |
| DAY, M. S. | 8411080479 | WASTE MGT | DEYOUNG, R. C. | 8404110110* | REVIEW GRP | DIXON, O. W. | 8411130273 | 50-395 R |
| DAYAL, R. | 8411130577 | NUREG | DEYOUNG, R. C. | 8411050074 | 50-458 Q | DIXON, O. W. | 8411160155 | 50-395 S |
| DAYAL, R. | 8411140096 | NUREG | DIECKAMP, H. M. | 8411050440* | 50-289 T | DIXON, O. W. | 8411160167 | 50-395 S |
| DEAN, C. B. | 8411150341 | 50-213 R | DIECKAMP, H. M. | 8411060505* | 50-289 T | DIXON, O. W. | 8411160175 | 50-395 S |
| DECK, R. L. | 8411010058 | 50-352 F | DIEDERICH, G. J. | 8411060190 | 50-373 S | DIXON, O. W. | 8411190310 | 50-395 P |
| DECK, R. L. | 8411010156 | 50-352 F | DIEDERICH, G. J. | 8411060322 | 50-373 S | DIXON, O. W. | 8411260352 | 50-395 S |
| DECK, R. L. | 8411010502 | 50-352 F | DIEDERICH, G. J. | 8411070214 | 50-373 S | DIXON, O. W. | 8411260345 | 50-395 S |
| DECK, R. L. | 8411010505 | 50-352 F | DIEDERICH, G. J. | 8411130051 | 50-373 S | DIXON, O. W. | 8411260552 | 50-395 S |
| DECK, R. L. | 8411010515 | 50-352 F | DIEDERICH, G. J. | 8411130106 | 50-373 S | DIXON, O. W. | 8411270083 | PRM |
| DECK, R. L. | 8411010537 | 50-352 F | DIEDERICH, G. J. | 8411130135 | 50-373 S | DODDS, R. T. | 8411030216* | 50-344 Q |
| DECK, R. L. | 8411010591 | 50-352 F | DIEDERICH, G. J. | 8411140094 | 50-373 S | DODDS, R. T. | 8411030346* | 50-275 Q |
| DECK, R. L. | 8411020110 | 50-352 F | DIEDERICH, G. J. | 8411140455 | 50-373 R | DODDS, R. T. | 8411210187* | 50-344 Q |
| DECK, R. L. | 8411020359 | 50-352 F | DIEDERICH, G. J. | 8411190216 | 50-374 S | DODDS, R. T. | 8411280003* | 50-344 Q |
| DECK, R. L. | 8411030044 | 50-352 F | DIEDERICH, G. J. | 8411210243 | 71-9151 | DODDS, R. T. | 8411280006* | 50-344 Q |
| DECK, R. L. | 8411030063 | 50-352 F | DIEDERICH, G. J. | 8411260042 | 50-373 S | DODDS, R. T. | 8411280006* | 50-344 Q |
| DECK, R. L. | 8411050048 | 50-352 F | DIEDERICH, G. J. | 8411290287 | 50-373 S | DODDS, R. T. | 8411280006* | 50-344 Q |
| DECK, R. L. | 8411050380 | 50-352 F | DIEDERICH, G. J. | 8411290306 | 50-373 S | DODDS, R. T. | 8411280006* | 50-344 Q |
| DECK, R. L. | 8411140469* | 50-390 Q | DIEDERICH, G. J. | 8411290587 | 50-373 S | DODDS, R. T. | 8411280006* | 50-344 Q |
| DECKER, T. R. | 8411150157* | 50-280 Q | DIEDERICH, G. J. | 8411290595 | 50-373 S | DODDS, R. T. | 8411280006* | 50-344 Q |
| DEFAYETTE, R. | 8411160217 | 50-331 S | DIENES, A. F. | 8411260122 | 50-255 R | DOMER, J. A. | 8411160417* | 50-333 Q |
| DEFFERDINO, L. J. | 8411290570* | FOIA | DIETZ, C. R. | 8411020424 | 50-325 S | DOMER, J. A. | 8411270158* | 50-333 Q |
| DEHORTH, W. | 8411210092 | 71-246 | DIETZ, C. R. | 8411060324 | 50-324 S | DOMER, J. A. | 8411140245 | 50-259 P |
| DELGAIZO, T. J. | 8112280441* | 50-259 P | DIETZ, C. R. | 8411120034 | 50-324 S | DOMER, J. A. | 8411190348 | 50-290 A |
| DELGAIZO, T. J. | 8411280523* | 50-247 Q | DIETZ, C. R. | 8411120042 | 50-325 S | DOMER, J. A. | 8411190526 | 50-260 P |
| DELGEORGE, L. O. | 8411060540* | 50-454 Q | DIETZ, C. R. | 8411130445 | 50-325 S | DOMER, J. A. | 8411200275 | 50-259 F |
| DELGEORGE, L. O. | 8411070032 | 50-454 A | DIETZ, C. R. | 8411140315 | 50-325 S | DOMER, J. A. | 8411200308 | 50-327 P |
| DELGEORGE, L. O. | 8411070073 | 50-454 A | DIETZ, C. R. | 8411140507 | 50-324 R | DOMER, J. A. | 8411260274 | 50-327 P |
| DELGEORGE, L. O. | 8411140235 | NUREG | DIETZ, C. R. | 8411140571 | 50-324 S | DOMER, J. A. | 8411260374 | 50-390 A |
| DELLA RATTIA, A. | 8411120200* | 70-2988 | DIETZ, C. R. | 8411150164 | 50-325 S | DOMER, J. A. | 8411280182 | 50-327 P |
| DELMEDICO, J. | 8411190106* | FOIA | DIETZ, C. R. | 8411160144 | 50-325 S | DOMER, J. A. | 8411280183 | 50-390 A |
| DEMOR, D. L. | 8411010192 | 50-155 S | DIETZ, C. R. | 8411160133 | 50-325 S | DOMER, J. A. | 8411280183 | 50-390 A |
| DENISE, R. P. | 8411030071 | 50-482 Q | DIETZ, C. R. | 8411170333 | 50-325 S | DOMER, J. A. | 8411280183 | 50-390 A |
| DENISE, R. P. | 8411030324 | 50-482 Q | DIETZ, C. R. | 8411210092 | 50-325 S | DOMER, J. A. | 8411280183 | 50-390 A |
| DENISE, R. P. | 8411030361 | 50-482 Q | DIETZ, C. R. | 8411210447 | 50-325 S | DOMER, J. A. | 8411280183 | 50-390 A |
| DENISE, R. P. | 8411090295 | 50-482 Q | DIETZ, C. R. | 8411280322 | 50-325 S | DOMER, J. A. | 8411280183 | 50-390 A |
| DENISE, R. P. | 8411130496 | 50-482 Q | DIETZ, C. R. | 8411280355 | 50-325 S | DOMER, J. A. | 8411280183 | 50-390 A |
| DENISE, R. P. | 8411190452 | 50-482 Q | DIGGS, R. | 8411290667 | 50-312 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENISE, R. P. | 8411260261 | 50-482 Q | DIGGS, R. M. | 8411010086 | 50-213 S | DOMER, J. A. | 8411280183 | 50-390 A |
| DENISE, R. P. | 8411280214 | 50-482 Q | DIGGS, R. M. | 8411010330 | 50-271 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENISE, R. P. | 8411280317 | 50-482 Q | DIGGS, R. M. | 8411030493 | 50-321 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8205030204 | 50-320 P | DIGGS, R. M. | 8411030508 | 50-315 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8410180295 | NUREG | DIGGS, R. M. | 8411130076 | 50-331 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411020106 | 50-296 Q | DIGGS, R. M. | 8411130701 | 50-244 W | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411050069 | 50-321 P | DIGGS, R. M. | 8411130703 | 50-280 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411060021 | NUREG | DIGGS, R. M. | 8411150316 | 50-334 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411060108 | 50-289 Q | DIGGS, R. M. | 8411150317 | 50-324 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411060549 | 50-247 P | DIGGS, R. M. | 8411150326 | 50-298 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411080449 | 50-348 M | DIGGS, R. M. | 8411160117 | 50-346 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411090383 | MISC | DIGGS, R. M. | 8411160468 | 50-219 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411120236 | MISC | DIGGS, R. M. | 8411160477 | 50-387 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411130425* | 50-275 P | DIANNI, D. C. | 8411150327 | 50-282 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411140366 | 50-247 P | DIANNI, D. C. | 8411160099 | 50-282 P | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411150253 | 50-267 P | DINEGLIO, A. F. | 8411050318 | PR | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411160329 | 50-483 P | DINITZ, I. | 8411290172 | 50-32 J | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411160471* | 50-454 P | DIRCKS, W. J. | 8409200472 | SECY | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411160489* | 50-352 P | DIRCKS, W. J. | 8409270738 | SECY | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411200118 | 50-266 P | DIRCKS, W. J. | 8411030331 | SECY | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411200322 | 50-315 F | DIRCKS, W. J. | 8411050233* | REVIEW GRP | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411260086 | 50-289 P | DIRCKS, W. J. | 8411080655 | COMMISSION | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411260174* | 50-416 P | DIRCKS, W. J. | 8411160015* | COMMISSION | DOMER, J. A. | 8411280183 | 50-390 A |
| DENTON, H. R. | 8411270336* | 50-412 A | DIRCKS, W. J. | 8411210370 | 50-424 A | DOYLE, J. | 8411090299* | 50-445 Q |
| DENTON, H. R. | 8411270390 | 50-206 P | DIRCKS, W. J. | 8411260027 | 50-206 P | DOYLE, J. | 8411090377* | 50-445 Q |
| DENTON, H. R. | 8411290143 | ORP | DIRCKS, W. J. | 8411260093 | 50-289 P | DOYLE, J. | 8411270355* | 50-445 Q |
| DENTON, H. R. | 8411290210* | FOIA | DIRCKS, W. J. | 8411260111 | 50-289 P | DREWES, D. R. | 8411080477* | WASTE RES |
| DENTON, H. R. | 8411290216* | FOIA | DIRCKS, W. J. | 8411260135 | 50-289 P | DREWES, D. R. | 8411080477* | 40-8801 |
| DENTON, H. R. | 8411130607 | 50-133 R | DIRCKS, W. J. | 8411260165 | 50-289 P | DREWES, D. R. | 8411080477* | 40-8801 |
| DESCH, P. J. | 8411270128 | 50-352 H | DIRCKS, W. J. | 8411260180 | 50-289 P | DREWES, D. R. | 8411080477* | 40-8801 |
| DEV, M. | 8411160147* | 50-352 Q | DIRCKS, W. J. | 8411260205 | 50-289 Q | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINCENTIS, J. | 8411060885 | 50-443 S | DIRCKS, W. J. | 8411260222 | 50-289 P | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINCENTIS, J. | 8411060096 | 50-443 S | DIRCKS, W. J. | 8411260226 | 50-289 P | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINCENTIS, J. | 8411060141 | 50-443 S | DIRCKS, W. J. | 8411260235 | 50-289 P | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINCENTIS, J. | 8411070047 | 50-443 A | DIRCKS, W. J. | 8411290184 | FOIA | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINCENTIS, J. | 8411140300 | REOGD | DIRCKS, W. J. | 8411290246* | 50-275 P | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINCENTIS, J. | 8411190292 | 50-443 S | DIRCKS, W. J. | 8411290258 | FOIA | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINCENTIS, J. | 8411210328 | 50-443 S | DIRCKS, W. J. | 8411290258 | TOPREP | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINCENTIS, J. | 8411260348 | 50-443 Q | DIXON, D. W. | 8411190435* | FOIA | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINE, J. B. | 8411260298 | XPORLIC | DIXON, D. W. | 8411190477* | FOIA | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINE, T. | 8411020539 | 50-275 Q | DIXON, D. W. | 8411020164 | 50-395 F | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINE, T. | 8411200235 | 50-275 Q | DIXON, D. W. | 8411020228 | 50-395 F | DREWES, D. R. | 8411080477* | 40-8801 |
| DEVINE, T. H. | 8411020547* | 50-275 Q | DIXON, D. W. | 8411060167 | 50-395 P | DREWES, D. R. | 8411080477* | 40-8801 |
| DEWITT, T. H. | 8411130236* | 50-382 Q | DIXON, D. W. | 8411090370 | 50-395 S | DREWES, D. R. | 8411080477* | 40-8801 |
| DEWITT, R. B. | 8411080343* | 50-155 P | DIXON, D. W. | 8411120036 | 50-395 S | DREWES, D. R. | 8411080477* | 40-8801 |
| DEWITT, R. B. | 8411140288* | 50-155 P | DIXON, D. W. | 8411130369 | 50-395 S | DREWES, D. R. | 8411080477* | 40-8801 |
| DEWITT, R. B. | 8411210233* | 50-155 P | DIXON, D. W. | 8411140034* | 50-395 Q | DREWES, D. R. | 8411080477* | 40-8801 |
| | | | DIXON, D. W. | 8411190037 | 50-395 P | DREWES, D. R. | 8411080477* | 40-8801 |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|---------------------|---------------------|------------------|---------------------|---------------------|------------------|---------------------|---------------------|
| DUGGIN, G. E. | 8411200034 | 50-327 S | EDGEWORTH, P. J. | 8411260577* | CONTRACT | ELLIS, T. S. | 8411140185 | 50-322 Q |
| DUGGIN, G. E. | 8411290613 | 50-327 S | EDGEWORTH, P. J. | 8411260607* | CONTRACT | ELROD, S. | 8411130713* | 50-280 Q |
| DUGSTAD, D. | 8411140325 | 50-282 R | EDGEWORTH, P. J. | 8411280434* | CONTRACT | ELROD, S. A. | 8411010411 | 50-281 S |
| DUNBAR, G. W. | 8411190357* | FOIA | EDGEWORTH, P. J. | 8411280582* | CONTRACT | ELROD, S. A. | 8411140016* | 50-250 Q |
| DUNENFELD, H. | 8411070074* | 50-445 G | EDGEWORTH, P. J. | 8411290308* | CONTRACT | ELROD, S. A. | 8411140132* | 50-338 Q |
| DUNENFELD, H. | 8411070074* | 50-445 G | EDGEWORTH, P. J. | 8411290345* | CONTRACT | ELROD, S. A. | 8411270211 | 50-389 S |
| DUNIVAN, J. G. | 8411160183 | 71-178 | EDGEWORTH, P. J. | 8411290359* | CONTRACT | ELSASSER, T. | 8411130285* | 50-309 Q |
| DUNLAP, J. W. | 8411130122* | 50-219 G | EDLOW, J. | 8411070243* | XPORTLIC | ELSASSER, T. | 8411190367 | 50-29 S |
| DUNLOP, A. | 8411060334* | 50-454 G | EDLOW, J. | 8411160163 | XPORTLIC | ELSASSER, T. | 8411270290 | 50-317 S |
| DUNN, B. M. | 8411070151* | TOPREP | EDLOW, J. | 8411160496 | 70-2955 | ELSASSER, T. C. | 8411140448* | 50-170 Q |
| DUNNUM, J. | 8411200055 | 50-409 R | EDMONDS, L. L. | 8411130515* | 50-280 Q | ELSASSER, T. C. | 8411270299* | 50-317 Q |
| DUPONT, S. G. | 8411160404* | 50-341 G | EGGEBROTEN, J. | 8411120169 | 50-267 S | ELTON, T. L. | 8411010340 | 50-321 S |
| DUPREE, D. C. | 8411140440 | 50-327 R | EGGEBROTEN, J. | 8411160026* | 50-267 S | ELTON, T. L. | 8411030636 | 50-366 S |
| DURAY, J. R. | 8411080464 | WASTE MOT | EGGEBROTEN, J. | 8411160029* | 50-267 S | ELTON, T. L. | 8411070215 | 50-366 S |
| DURFEE, P. J. | 8411010272 | 71-13 | EGGEBROTEN, J. | 8411260209 | 50-267 S | ELTON, T. L. | 8411080566 | 50-321 S |
| DURFEE, P. J. | 8411130286 | 71-52 | EGGETT, D. R. | 8411150029* | 50-237 P | ELTON, T. L. | 8411090366 | 50-321 S |
| DURFEE, P. J. | 8411160352 | 71-268 | EISENHUT, D. G. | 8410290050 | 50-219 P | ELTON, T. L. | 8411090390 | 50-366 S |
| DURFEE, P. J. | 8411160476 | 71-247 | EISENHUT, D. G. | 8411010083* | 50-247 P | ELTON, T. L. | 8411130211 | 50-366 S |
| DURFEE, P. J. | 8411160482* | 71-247 | EISENHUT, D. G. | 8411010177 | 50-321 P | ELTON, T. L. | 8411160001 | 50-366 S |
| DURFEE, P. J. | 8411160508 | 71-85 | EISENHUT, D. G. | 8411010209* | 50-395 P | ELTON, T. L. | 8411160003 | 50-366 S |
| DURR, J. | 8411160077* | 50-410 Q | EISENHUT, D. G. | 8411020204 | 50-445 A | ELTON, T. L. | 8411160068 | 50-321 S |
| DURR, J. | 8411270190* | 50-412 Q | EISENHUT, D. G. | 8411030330 | MISC | ELTON, T. L. | 8411160109 | 50-366 S |
| DURR, J. P. | 8411090397* | 50-293 Q | EISENHUT, D. G. | 8411050066* | 50-133 P | ELTON, T. L. | 8411160126 | 50-321 S |
| DURR, J. P. | 8411120265* | 50-354 G | EISENHUT, D. G. | 8411060146 | 50-237 P | ELTON, T. L. | 8411200384 | 50-321 S |
| DURR, J. P. | 8411130208* | 50-423 Q | EISENHUT, D. G. | 8411070108 | 50-445 A | ELTON, T. L. | 8411210082 | 50-321 S |
| DURR, J. P. | 8411130245* | 50-277 Q | EISENHUT, D. G. | 8411070319 | 50-482 A | ELTON, T. L. | 8411210481 | 50-321 S |
| DURR, J. P. | 8411160199* | 50-387 G | EISENHUT, D. G. | 8411080523 | 50-259 P | ELTON, T. L. | 8411290597 | 50-366 S |
| DURR, J. P. | 8411200131* | 50-213 Q | EISENHUT, D. G. | 8411080560 | 50-528 A | ELTON, T. L. | 8411130211 | 50-135 P |
| DURR, J. P. | 8411200160* | 50-293 Q | EISENHUT, D. G. | 8411090387* | 50-348 P | ENG, P. | 8411060534* | 50-454 Q |
| DURR, J. P. | 8411270218* | 50-352 Q | EISENHUT, D. G. | 8411090423* | 50-445 A | ENG, P. L. | 8411050273* | 50-313 Q |
| DURR, J. P. | 8411280570* | 50-423 Q | EISENHUT, D. G. | 8411130081 | 50-482 A | ENG, P. L. | 8411130345* | 50-313 Q |
| DURR, J. P. | 8411290539* | 50-412 Q | EISENHUT, D. G. | 8411130337 | TOPREP | ENG, P. L. | 8411160404* | 50-341 Q |
| DURST, J. B. | 8411260256 | 50-206 F | EISENHUT, D. G. | 8411130418 | 50-275 P | ENGEL, W. P. | 8411010448* | 71-8874 |
| DUS, R. S. | 8411140455 | 50-373 R | EISENHUT, D. G. | 8411130554 | 50-358 A | ENGEL, W. P. | 8411160150 | 71-8814 |
| EAPEN, P. K. | 8411130627* | 50-289 Q | EISENHUT, D. G. | 8411130688 | 50-344 F | ENGELMANN, R. | 8411070197* | 40-8348 |
| EAPEN, P. K. | 8411160147* | 50-352 Q | EISENHUT, D. G. | 8411140029 | 50-321 P | ENGLAND, L. A. | 8411280445 | 50-458 S |
| EBENHACK, D. G. | 8411150280 | 71-9183 | EISENHUT, D. G. | 8411150084 | 50-247 S | ENGLE, L. B. | 8411160181 | 50-339 P |
| EBNETER, S. D. | 8411030200* | 50-277 Q | EISENHUT, D. G. | 8411160453 | 50-423 A | ENNIS, J. D. | 8411160011* | 70-27 |
| EBNETER, S. D. | 8411130083* | 50-309 G | EISENHUT, D. G. | 8411160469 | 50-454 P | ENNIS, J. D. | 8411280160* | 50-302 Q |
| EBNETER, S. D. | 8411130627* | 50-289 Q | EISENHUT, D. G. | 8411160486 | 50-352 P | ENDS, J. T. | 8404110127* | REVIEW ORP |
| EBNETER, S. D. | 8411260113 | 50-289 G | EISENHUT, D. G. | 8411200037 | 50-321 P | ENDS, J. T. | 8411020264 | 50-313 P |
| ECCLESTON, K. T. | 8411130606 | 50-470 A | EISENHUT, D. G. | 8411200056 | 50-325 P | ENDS, J. T. | 8411120114 | 50-368 S |
| ECKERMAN, K. F. | 8411080165 | WASTE RES | EISENHUT, D. G. | 8411210008 | 50-277 Q | ENDS, J. T. | 8411130057 | 50-368 R |
| ECKERT, J. P. | 8411130743* | 70-27 | EISENHUT, D. G. | 8411260128 | 50-289 P | ENDS, J. T. | 8411130162 | 50-313 S |
| ECKHART, J. H. | 8411030375* | 50-312 Q | EISENHUT, D. G. | 8411260167 | 50-416 P | ENDS, J. T. | 8411130185 | 50-313 S |
| ECONOMOS, N. | 8411140479* | 50-413 Q | EISENHUT, D. G. | 8411270372 | 50-206 P | ENDS, J. T. | 8411140073 | 50-313 R |
| EDDINGS, M. G. | 8411140440 | 50-327 R | EISENHUT, D. G. | 8411270374* | 50-206 P | ENDS, J. T. | 8411140228 | 50-313 Q |
| EDDLEMAN, W. | 8411020038 | 50-400 G | EISENHUT, D. G. | 8411280287 | MISC | ENDS, J. T. | 8411140371 | 50-368 P |
| EDDLEMAN, W. | 8411260063 | 50-400 G | EISENHUT, D. G. | 8411280557* | 50-269 Q | ENDS, J. T. | 8411150007 | 50-313 F |
| EDELMAN, M. R. | 8411020151 | 50-440 A | EISENHUT, D. G. | 8411290011* | 50-213 F | ENDS, J. T. | 8411260414 | 50-313 Q |
| EDELMAN, M. R. | 8411020258 | 50-440 E | EISENHUT, D. G. | 8411290441* | FOIA | ENDS, J. T. | 8411270225 | 50-368 F |
| EDELMAN, M. R. | 8411030214 | 50-440 S | EISENHUT, D. G. | 8411290653 | 50-247 Q | ENDS, J. T. | 8411120391 | 50-313 Q |
| EDELMAN, M. R. | 8411060429* | 50-440 A | EL-ZEFTAWY, A. | 8411060010 | WASTE RES | ENDS, J. T. | 8411280037 | 50-313 S |
| EDELMAN, M. R. | 8411090240 | 50-440 S | EL-ZEFTAWY, A. | 8411060044* | WASTE RES | ERDMAN, C. | 8411070127 | PR |
| EDELMAN, M. R. | 8411120309 | 50-440 S | ELEY, G. D. | 8411090444 | 50-322 T | ESELGROTH, P. W. | 8411030440* | 50-322 Q |
| EDELMAN, M. R. | 8411120370 | 50-440 S | ELIN, J. Q. | 8411140232 | 50-361 Q | ESELGROTH, P. W. | 8411290283* | 50-322 Q |
| EDELMAN, M. R. | 8411130314 | 50-440 S | ELIN, J. Q. | 8411140337* | 50-361 Q | EVANS, J. J. | 8411160138 | 71-9032 |
| EDELMAN, M. R. | 8411130393 | 50-440 S | ELLERSHAM, L. E. | 8411130497* | 50-482 Q | FABIAN, J. V. | 8411090214 | PT21 |
| EDELMAN, M. R. | 8411130408 | 50-440 S | ELLERSHAM, L. E. | 8411280255* | 50-498 Q | FADEN, M. E. | 8411060360 | PR |
| EDELMAN, M. R. | 8411190496 | 50-440 A | ELLIOTT, C. W. | 8411200022 | 50-352 Q | FAIRBROTHER, W. | 8411190130* | FOIA |
| EDELMAN, M. R. | 8411200297 | 50-440 E | ELLIOTT, C. W. | 8411200022 | 50-352 Q | FALK, K. | 8411080305 | 50-445 A |
| EDELMAN, M. R. | 8411200383 | 50-440 F | ELLIOTT, C. W. | 8411200237 | 50-352 Q | FALL, M. A. | 8411190186* | FOIA |
| EDELMAN, M. R. | 8411200511 | 50-440 S | ELLIOTT, C. W. | 8411200237 | 50-352 Q | FANNON, M. M. | 8411080584 | WASTE RES |
| EDELMAN, M. R. | 8411260051 | 50-440 S | ELLIS, D. W. | 8411160515* | 71-85 | FARLEY, E. M. | 8411060578 | 50-322 Q |
| EDELMAN, M. R. | 8411270104 | 50-440 E | ELLIS, D. W. | 8411130174 | 50-29 S | FARLEY, E. M. | 8411060578 | 50-322 Q |
| EDGAR, E. C. | 8411010387 | 50-244 S | ELLIS, J. | 8411060266 | 50-445 Q | FARNEY, W. | 8411260521* | 50-456 Q |
| EDGAR, G. L. | 8411200270 | 50-70 Q | ELLIS, J. | 8411060463 | 50-445 Q | FARRAR, D. L. | 8411060132* | 50-293 Q |
| EDGAR, G. L. | 8411200270 | 50-70 Q | ELLIS, J. | 8411060471* | 50-445 Q | FARRAR, D. L. | 8411060341* | 50-456 Q |
| EDGEWORTH, P. J. | 8411070254* | CONTRACT | ELLIS, J. | 8411090265 | 50-445 Q | FARRAR, D. L. | 8411060352* | 50-10 Q |
| EDGEWORTH, P. J. | 8411070310* | CONTRACT | ELLIS, J. | 8411090281 | 50-445 Q | FARRAR, D. L. | 8411290378* | 50-373 Q |
| EDGEWORTH, P. J. | 8411070345* | CONTRACT | ELLIS, J. | 8411090293* | 50-445 Q | FARRELL, H. W. | 8411060419* | 50-352 T |
| EDGEWORTH, P. J. | 8411080006* | CONTRACT | ELLIS, J. | 8411090320 | 50-445 Q | FAUBER, J. R. | 8411190544 | 40-8502 |
| EDGEWORTH, P. J. | 8411080370* | CONTRACT | ELLIS, J. | 8411090371* | 50-445 Q | FAUST, C. R. | 8411050229 | WASTE RES |
| EDGEWORTH, P. J. | 8411080465* | CONTRACT | ELLIS, J. | 8411200240 | 50-445 Q | FAUST, C. R. | 8411050239 | WASTE RES |
| EDGEWORTH, P. J. | 8411080553* | CONTRACT | ELLIS, J. | 8411270348 | 50-445 Q | FAY, C. W. | 8411020181 | 50-266 F |
| EDGEWORTH, P. J. | 8411090079* | CONTRACT | ELLIS, J. | 8411270352* | 50-445 Q | FAY, C. W. | 8411020239 | 50-266 F |
| EDGEWORTH, P. J. | 8411090497* | CONTRACT | ELLIS, J. | 8411270412 | 50-445 Q | FAY, C. W. | 8411050349 | 50-266 F |
| EDGEWORTH, P. J. | 8411090519* | CONTRACT | ELLIS, J. | 8411290365* | 50-445 Q | FAY, C. W. | 8411050392 | 50-266 F |
| EDGEWORTH, P. J. | 8411120003* | CONTRACT | ELLIS, J. | 8411290373* | 50-445 Q | FAY, C. W. | 8411060224 | 50-266 F |
| EDGEWORTH, P. J. | 8411140403* | CONTRACT | ELLIS, M. P. | 8411290068 | 50-445 Q | FAY, C. W. | 8411120294 | 50-266 F |
| EDGEWORTH, P. J. | 8411140418* | CONTRACT | ELLIS, T. S. | 8411060580 | 50-322 Q | FAY, C. W. | 8411120351 | 50-266 Q |
| EDGEWORTH, P. J. | 8411140420* | CONTRACT | ELLIS, T. S. | 8411060580 | 50-322 Q | FAY, C. W. | 8411130191 | 50-301 Q |
| EDGEWORTH, P. J. | 8411140502* | CONTRACT | ELLIS, T. S. | 8411090479 | 50-322 Q | FAY, C. W. | 8411130351* | 50-266 Q |
| EDGEWORTH, P. J. | 8411190314* | CONTRACT | ELLIS, T. S. | 8411090479 | 50-322 Q | FAY, C. W. | 8411190415 | 50-266 Q |
| EDGEWORTH, P. J. | 8411160487* | CONTRACT | ELLIS, T. S. | 8411140185 | 50-322 Q | FAY, C. W. | 8411190507* | 50-266 Q |

PERSONAL AUTHOR INDEX

463

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|
| FAY, C. W. | 8411190560 | 50-266 P | FINKELSTEIN, L. | 8411010333 | 50-289 G | FURRER, R. C. | 8411060472* | 50-352 T |
| FAY, C. W. | 8411210168 | 50-301 P | FINKELSTEIN, L. | 8411010373 | 50-289 G | GAGE, P. C. | 8411060514* | 50-528 G |
| FAY, C. W. | 8411210323 | 50-266 R | FINKELSTEIN, L. | 8411020506 | 50-289 P | GAGLIARDO, J. E. | 8411070114 | 50-382 G |
| FAY, C. W. | 8411210366 | 50-301 S | FINKELSTEIN, L. | 8411060407 | 50-289 G | GAGLIARDO, J. E. | 8411070125 | 50-382 G |
| FAY, C. W. | 8411260518 | 50-301 S | FINKELSTEIN, L. | 8411060438 | 50-289 G | GAGLIARDO, J. E. | 8411120043 | 50-382 G |
| FEE, W. F. | 8411010303 | 50-423 E | FINKELSTEIN, L. | 8411060442 | 50-289 G | GAGLIARDO, J. E. | 8411120096 | 50-382 F |
| FEE, W. F. | 8411010303 | 50-423 E | FINKELSTEIN, L. | 8411070007 | 50-289 G | GAHM, G. W. | 8411200133 | 50-267 S |
| FEE, W. F. | 8411010424 | 50-423 E | FINNERAN, J. C. | 8411060309* | 50-445 G | GAHM, J. W. | 8411050276 | 50-267 F |
| FEE, W. F. | 8411010424 | 50-423 E | FINNERAN, J. C. | 8411060604* | 50-445 G | GAHM, J. W. | 8411050556 | 50-267 F |
| FEE, W. F. | 8411030720 | 50-423 S | FINNERAN, J. C. | 8411130722* | 50-445 G | GAHM, J. W. | 8411060041 | 50-267 F |
| FEE, W. F. | 8411030720 | 50-423 S | FINNERAN, J. C. | 8411140003* | 50-445 G | GAHM, J. W. | 8411120169 | 50-267 S |
| FEENSTRA, S. | 8411030800* | WASTE RES | FINNERAN, J. C. | 8411270196* | 50-445 G | GAHM, J. W. | 8411130331 | 50-267 F |
| FEHRINGER, D. J. | 8411030081 | WASTE RES | FINNERAN, J. C. | 8411290387* | 50-445 G | GAHM, J. W. | 8411130336 | 50-267 F |
| FEHRINGER, D. J. | 8411050115 | WASTE RES | FINNIGAN, T. | 8411190170* | FOIA | GAHM, J. W. | 8411160023 | 50-267 S |
| FEHRINGER, D. J. | 8411050177 | WASTE RES | FINNIGAN, T. | 8411190178* | FOIA | GAHM, J. W. | 8411200054 | 50-267 P |
| FEHRINGER, D. J. | 8411080278 | WASTE RES | FIORILLI, G. | 8411090146* | 50-528 G | GAHM, J. W. | 8411200061 | 50-267 F |
| FEHRINGER, D. J. | 8411080284 | WASTE RES | FIORILLI, G. | 8411160413* | 50-528 G | GAHM, J. W. | 8411210207 | 50-267 F |
| FEHRINGER, D. J. | 8411080334 | WASTE RES | FISCHER, D. | 8411090007 | 50-272 P | GAHM, J. W. | 8411260164 | 50-267 G |
| FEITKNECHT, C. | 8411130273 | 50-334 R | FISCHER, D. | 8411090151 | 50-272 P | GAHM, J. W. | 8411260209 | 50-267 S |
| FELDMANN, H. J. | 8411290295* | 50-293 P | FISH, J. D. | 8411290150 | NUREG | GAHM, J. W. | 8411260392 | 50-267 F |
| FELTON, J. M. | 8406180030 | FOIA | FISH, R. F. | 8411070213* | 50-528 G | GAHM, J. W. | 8411280040 | 50-267 R |
| FELTON, J. M. | 8409040220 | 50-397 I | FISHER, C. R. | 8411260043 | TOPREP | GAHM, J. W. | 8411280270 | 50-267 F |
| FELTON, J. M. | 8411190096 | FOIA | FISHER, F. D. | 8411190175* | FOIA | GAHM, J. W. | 8411280320 | 50-267 F |
| FELTON, J. M. | 8411290163 | 50-528 A | FISHER, F. D. | 8411190329* | FOIA | GAHM, J. W. | 8411290047 | 50-267 G |
| FELTON, J. M. | 8411290174 | FOIA | FLACK, E. | 8411020223 | I&E | GAHM, J. W. | 8411290433 | 50-267 G |
| FELTON, J. M. | 8411290182 | FOIA | FLACK, E. | 8411130639 | I&E | GAHM, J. W. | 8411290536 | 50-267 S |
| FELTON, J. M. | 8411290185 | FOIA | FLACK, E. | 8411290269 | I&E | GAHM, J. W. | 8411290607 | 50-267 G |
| FELTON, J. M. | 8411290191 | 50-348 P | FLEISHMANN, R. S. | 8411140327* | 50-277 G | GAHM, J. W. | 8411290669 | 50-267 P |
| FELTON, J. M. | 8411290197 | FOIA | FLETCHER, K. E. | 8411190344* | FOIA | GALLIGAN, T. J. | 8411290314* | 50-273 P |
| FELTON, J. M. | 8411290198 | FOIA | FLETCHER, K. E. | 8411190351* | FOIA | GALLO, J. | 8411010254 | 50-445 G |
| FELTON, J. M. | 8411290222 | FOIA | FLETCHER, K. E. | 8411190361* | FOIA | GALLO, J. | 8411010254 | 50-445 G |
| FELTON, J. M. | 8411290229 | FOIA | FLETCHER, K. E. | 8411190372* | FOIA | GALLO, J. | 8411090332 | 50-445 G |
| FELTON, J. M. | 8411290237 | 50-273 P | FLETCHER, K. E. | 8411190381* | FOIA | GALLO, J. | 8411090343* | 50-445 G |
| FELTON, J. M. | 8411290240 | 50-331 S | FLETCHER, K. E. | 8411190384* | FOIA | GALLO, J. | 8411090343* | 50-445 G |
| FELTON, J. M. | 8411290242 | FOIA | FLETCHER, K. E. | 8411190393* | FOIA | GALLO, J. | 8411090476 | 50-445 T |
| FELTON, J. M. | 8411290245 | FOIA | FLETCHER, K. E. | 8411190398* | FOIA | GALLO, J. | 8411090476 | 50-445 T |
| FELTON, J. M. | 8411290252 | FOIA | FLETCHER, K. E. | 8411190446* | FOIA | GALLO, J. | 8411130590 | 50-445 G |
| FELTON, J. M. | 8411290263 | 50-344 P | FLETCHER, K. E. | 8411190451* | FOIA | GALLO, J. | 8411130590 | 50-445 G |
| FELTON, J. M. | 8411290271 | FOIA | FLETCHER, K. E. | 8411190471* | FOIA | GALLO, J. | 8411140115 | 50-445 G |
| FELTON, J. M. | 8411290276 | FOIA | FLIPPO, T. A. | 8411070133* | 50-382 G | GALLO, J. | 8411140115 | 50-445 G |
| FELTON, J. M. | 8411290284 | 50-263 P | FLOREK, D. | 8411120070* | 50-352 G | GALLO, J. | 8411140482 | 50-445 G |
| FELTON, J. M. | 8411290294 | FOIA | FLOREK, D. | 8411210399* | 50-388 G | GALLO, J. | 8411140482 | 50-445 G |
| FELTON, J. M. | 8411290310 | FOIA | FLOREK, D. J. | 8411210296* | 50-388 G | GALLO, J. | 8411190193 | 50-445 G |
| FELTON, J. M. | 8411290546 | FOIA | FLOWERS, D. | 8411270297* | 50-454 P | GALLO, J. | 8411190193 | 50-445 G |
| FELTZ, D. E. | 8411070127 | PR | FLUEHR, J. J. | 8411280316 | 50-285 S | GALLO, J. | 8411190473 | 50-445 G |
| FERG, D. A. | 8411210184 | 50-341 A | FOLEY, T. | 8411270299* | 50-317 G | GALLO, J. | 8411200231 | 50-445 G |
| FERGUSON, R. | 8411190458* | 50-482 G | FONASH, C. F. | 8411270419 | 50-352 F | GALLO, J. | 8411200231 | 50-445 G |
| FERGUSON, R. L. | 8411050109 | 50-382 A | FONNER, R. L. | 8411200256 | 40-2061 | GALLO, J. | 8411290398 | 50-445 G |
| FERKIN, Z. G. | 8411060401 | 50-352 T | FONNER, R. L. | 8411260044 | 40-2061 | GALLO, J. | 8411290406* | 50-445 G |
| FERKIN, Z. G. | 8411130626 | 50-352 T | FORBES, J. R. | 8411200326 | PR | GALLO, J. | 8411290408* | 50-445 G |
| FERLIC, K. | 8411130285* | 50-309 G | FORD, E. J. | 8411150137* | 50-327 G | GALLO, R. | 8411090507 | 50-443 A |
| FERLIC, K. | 8411190367 | 50-29 S | FORD, R. E. | 8411130734 | NUREG | GALLO, R. M. | 8411090429* | 50-277 G |
| FERLIC, K. | 8411270290 | 50-317 S | FORGETTE, T. E. | 8411190486 | 50-317 F | GALLO, R. M. | 8411130508* | 50-352 G |
| FERNANDEZ, W. | 8411060562 | 50-333 S | FORNEY, W. L. | 8411190559 | 50-546 S | GALLO, R. M. | 8411160300* | 50-277 G |
| FERRELL, R. | 8411060534* | 50-454 G | FORNEY, W. L. | 8411130385* | 50-483 G | GALLO, R. M. | 8411270369* | 50-352 G |
| FEY, F. L. | 8411010134 | 50-282 F | FORNEY, W. L. | 8411130434* | 50-483 G | GAMBLE, D. H. | 8411060359* | 50-289 G |
| FEY, F. L. | 8411010227 | 50-263 F | FORNEY, W. L. | 8411130529* | 50-456 G | GAMBLE, D. H. | 8411060359* | 50-289 G |
| FEY, F. L. | 8411020175 | 50-282 F | FORSHEY, D. R. | 8411080430 | WASTE RES | GAMBLE, D. H. | 8411260001 | 50-289 P |
| FIEDLER, P. B. | 8411010276 | 50-219 P | FORTUNO, R. | 8411120252* | 50-387 G | GAMBLE, D. H. | 8411290227* | FOIA |
| FIEDLER, P. B. | 8411010354 | 50-219 P | FOSTER, D. O. | 8411020283 | 50-424 A | GAMBLE, D. H. | 8411290234* | FOIA |
| FIEDLER, P. B. | 8411020053 | 50-219 S | FOSTER, D. O. | 8411050157 | 50-424 A | GAMMILL, W. P. | 8411050555 | WASTE MGT |
| FIEDLER, P. B. | 8411030732 | 50-219 S | FOSTER, D. O. | 8411060103 | 50-424 F | GARCIA, E. M. | 8411120439* | 50-275 G |
| FIEDLER, P. B. | 8411120161 | 50-219 S | FOSTER, D. O. | 8411140176 | 50-424 A | GARCIA, E. M. | 8411160348* | 50-397 G |
| FIEDLER, P. B. | 8411140190 | 50-219 G | FOSTER, D. O. | 8411140261 | 50-424 A | GARCIA, E. M. | 8411160408* | 50-508 G |
| FIEDLER, P. B. | 8411140231 | 50-219 S | FOSTER, D. O. | 8411160165 | 50-424 K | GARCIA, P. J. | 8411080388 | 40-299 |
| FIEDLER, P. B. | 8411140437 | 50-219 R | FOSTER, D. O. | 8411200066 | 50-424 S | GARCIA, P. J. | 8411090093* | 40-8084 |
| FIEDLER, P. B. | 8411160137 | 50-219 G | FOSTER, D. O. | 8411200147 | 50-424 S | GARCIA, P. J. | 8411090106* | 40-8084 |
| FIEDLER, P. B. | 8411160223 | 50-219 S | FOSTER, D. O. | 8411290382 | 50-424 S | GARCIA, P. J. | 8411090112* | 40-8084 |
| FIEDLER, P. B. | 8411260172 | 50-219 R | FOSTER, K. H. | 8411140368 | I&E | GARCIA, R. | 8411140143 | TOPREP |
| FIEDLER, P. B. | 8411270122 | 50-219 G | FOSTER, R. F. | 8411290384 | 50-413 G | GARDE, B. P. | 8411050201 | 50-445 A |
| FIEDLER, P. B. | 8411270262 | 50-219 P | FOX, C. D. | 8411200272 | 50-461 G | GARDE, B. P. | 8411060551 | 50-445 G |
| FIEDLER, P. B. | 8411280348 | 50-219 S | FOX, C. D. | 8411200272 | 50-461 G | GARDE, B. P. | 8411130160* | 50-445 A |
| FIELDS, J. A. | 8411010191 | CONTRACT | FOX, C. E. | 8411120387 | 71-213 G | GARDE, B. P. | 8411160349* | 50-483 P |
| FIELDS, J. S. | 8411030583 | 50-387 R | FOX, E. F. | 8411090297* | 50-482 G | GARDNER, E. | 8411060448* | 50-289 T |
| FIELDS, J. S. | 8411050072 | 50-387 R | FRATUS, S. R. | 8411160484* | 71-247 | GARDNER, E. | 8411060504* | 50-289 T |
| FIELDS, J. S. | 8411070302 | 50-387 P | FREDRICKSON, P. | 8411090087 | 50-325 S | GARLINGTON, D. C. | 8411260528 | 50-213 S |
| FIELDS, J. S. | 8411120084 | 50-387 P | FREEMAN, H. D. | 8411080461 | NUREG | GARNER, D. J. | 8411060570 | 50-454 G |
| FIELDS, J. S. | 8411190568 | 50-387 P | FREEMAN, M. D. | 8411190131 | 40-8768 | GARNER, D. J. | 8411060597 | 50-352 G |
| FIELDS, J. S. | 8411200311 | 50-387 P | FRISCH, R. R. | 8411120462 | 50-255 S | GARRISON, R. T. | 8411020355 | 71-9860 |
| FIELDS, J. S. | 8411290150 | NUREG | FRISCH, R. R. | 8411260283 | 50-155 G | GATES, W. G. | 8411270308 | 50-285 R |
| FILBURN, T. | 8411190200 | 50-336 S | FRYE, J. H. | 8411140250 | 50-70 G | GAUSE, E. P. | 8411080197 | WASTE RES |
| FINAMORE, B. A. | 8411010349 | 50-537 G | FUHRMAN, G. R. | 8411090386 | 50-317 S | GAUSE, E. P. | 8411080206* | WASTE RES |
| FINAMORE, B. A. | 8411010349 | 50-537 G | FUJIMOTO, R. I. | 8411190105 | 40-8684 | GEALY, W. J. | 8411160535* | CONTRACT |
| FINKEL, A. E. | 8411160291* | 50-322 G | FULLER, A. G. | 8411070044* | 50-400 T | GEHRING, G. R. | 8411120353* | 50-440 S |
| FINKELSTEIN, L. | 8411010333 | 50-289 G | FURR, A. K. | 8411020209 | 50-124 P | GEHRING, G. R. | 8411120361* | 50-440 S |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|-----------------|------------------|------------------|-------------------|------------------|------------------|
| GEHRING, G. R. | 8411120369* | 50-440 S | GOLDBERG, S. C. | 8411060391 | 50-344 Q | GREGOR, L. R. | 8411290654 | 50-373 Q |
| GEIER, J. D. | 8411260416 | 50-461 A | GOLDBERG, S. C. | 8411150225 | 50-344 Q | GREGOR, D. W. | 8411080487* | WASTE RES |
| GEISER, H. | 8411130307 | PROJ | GOLDBERG, S. C. | 8411150225 | 50-344 Q | GREGORY, E. | 8411160244 | MISC |
| GEORGE, J. B. | 8411010302 | 50-445 A | GOLDEN, M. P. | 8411160293 | 50-220 J | GRENIER, B. L. | 8411290555* | FOIA |
| GEORGE, J. B. | 8411080347 | 50-445 S | GOLDMAN, M. I. | 8411060614* | 50-352 T | GRETHOR, R. | 8411160385 | 71-262 |
| GEORGE, J. B. | 8411260317 | 50-445 A | GOLDMANN, K. | 8411210110 | 71-9016 | GRIDLEY, R. L. | 8411160182* | 50-293 Q |
| GEORGE, J. B. | 8411260321 | 50-445 A | GONAND, L. P. | 8411070263 | WASTE RES | GRIESS, J. C. | 8411090220 | WASTE RES |
| GEORGIEV, G. B. | 8411050077* | 50-458 G | GONAND, L. P. | 8411070273 | WASTE RES | GRIFFIN, J. M. | 8411070210 | 50-313 H |
| GERDEMAN, F. W. | 8411200073 | 40-8698 | GONAND, L. P. | 8411080056 | WASTE RES | GRIFFIN, J. M. | 8411120451 | 50-313 H |
| GERKEN, E. C. | 8411090105 | MISC | GONAND, L. P. | 8411080246 | WASTE RES | GRIFFIN, J. M. | 8411140254 | 50-313 H |
| GEWEHR, S. | 8411030626 | 50-370 S | GONAND, L. P. | 8411080271 | WASTE RES | GRISAK, G. E. | 8411080137* | WASTE RES |
| GEWEHR, S. | 8411130442 | 50-370 S | GOODMAN, L. S. | 8411120098 | 50-409 S | GRISAK, G. E. | 8411080171* | WASTE RES |
| GEWEHR, S. | 8411130482 | 50-370 S | GOODMAN, L. S. | 8411140568 | 50-409 R | GROBMYER, L. R. | 8411120374* | 50-400 |
| GEWEHR, S. | 8411200569* | 50-369 S | GORDON, H. | 8411070267 | WASTE RES | GROTHENHUIS, M. | 8411130124 | 50-324 |
| GEWEHR, S. | 8411260161 | 50-369 S | GORDON, H. | 8411080150 | WASTE RES | GROTHENHUIS, M. | 8411200040 | 50-325 |
| GIBBONS, D. R. | 8411090043 | 40-1191 | GORDON, M. | 8411080570 | WASTE RES | GROTHENHUIS, M. | 8411210156 | 50-324 |
| GIBBONS, T. D. | 8411080355* | 50-438 G | GORDON, M. | 8411080590 | WASTE RES | GROVE, P. A. | 8411150132 | 50-275 |
| GIBBONS, T. D. | 8411140409* | 50-390 G | GORDON, M. | 8411080616 | WASTE RES | GRUNMAN, E. G. | 8411270318* | 50-20 |
| GIBSON, A. F. | 8411010069 | 50-99 V | GORDON, M. | 8411080639 | WASTE RES | GUCHA, L. T. | 8411050321 | 50-321 |
| GIBSON, T. E. | 8411190182* | FOIA | GORDON, M. | 8411090262 | WASTE RES | GUCHA, L. T. | 8411090115 | 50-321 |
| GILBERT, L. D. | 8411030373* | 50-482 G | GORDON, M. | 8411090369 | WASTE RES | GUCHA, L. T. | 8411150197* | 50-321 |
| GILBERT, L. S. | 8411020330 | 40-2061 | GORDON, M. J. | 8411090349 | WASTE RES | GUCHA, L. T. | 8411150212* | 50-321 |
| GILBERT, L. S. | 8411200256 | 40-2061 | GOULART, J. | 8411150040* | 50-390 G | GUCHA, L. T. | 8411150265* | 50-321 |
| GILDENHORN, A. J. | 8411070248 | CONTRACT | GRACE, J. N. | 8410250031 | 50-3 G | GUCHA, L. T. | 8411190508 | 50-321 |
| GILNSKY, V. | 8411260003 | 50-289 U | GRACE, J. N. | 8411050077* | 50-458 G | GUCHA, L. T. | 8411190554 | 50-321 |
| GILLEN, D. M. | 8411090439 | WASTE MGT | GRACE, J. N. | 8411080405 | 50-454 G | GUCHA, L. T. | 8411200006 | 50-321 |
| GILLERLAIN, J. D. | 8411120138* | 50-335 S | GRACE, J. N. | 8411190184 | 50-461 G | GUINN, F. K. | 8411080240 | 70-143 |
| GILLISPIE, F. P. | 8411290261* | FOIA | GRACE, J. N. | 8411260242 | 50-269 G | GUINN, F. K. | 8411150154 | 70-143 |
| GILLISPIE, F. P. | 8411290267* | FOIA | GRADA, K. D. | 8411210201 | 50-334 P | GUINN, F. K. | 8411150222 | 70-143 |
| GILLIS, K. | 8411050149 | PR | GRAESSER, K. L. | 8411120449 | 50-295 S | GUINN, F. K. | 8411150319 | 70-143 |
| GINOIR, D. C. | 8411010392 | 50-271 G | GRAESSER, K. L. | 8411130394 | 50-295 S | GUINN, F. K. | 8411210256 | 70-143 |
| GINSBERG, T. | 8411130622 | NUREG | GRAESSER, K. L. | 8411130498 | 50-295 S | GUINN, P. R. | 7905150020* | FOIA |
| GINSBERG, T. | 8411210119 | REVIEW GRP | GRAESSER, K. L. | 8411190244 | 50-295 S | GUINN, P. R. | 7905310178* | FOIA |
| GINSBERG, T. | 8411210131* | REVIEW GRP | GRAESSER, K. L. | 8411200023 | 50-295 R | GUINN, P. R. | 7910100383* | FOIA |
| GINSBERG, T. | 8411270050 | MISC | GRAESSER, K. L. | 8411210401 | 50-304 S | GUINN, P. R. | 8104280227* | FOIA |
| GIRARD, E. H. | 8411120286 | 50-260 S | GRAESSER, K. L. | 8411290251 | 50-304 S | GUINN, P. R. | 8411190116* | FOIA |
| GIRARD, E. H. | 8411140246* | 50-393 G | GRAHAM, S. R. | 8411270044 | PR | GUINN, P. R. | 8411190154* | FOIA |
| GIRARD, E. H. | 8411140546* | 50-280 G | GRAHM, R. A. | 8411010175* | 50-410 G | GUINN, P. R. | 8411190185* | FOIA |
| GIRARD, E. H. | 8411140556* | 50-424 G | GRANT, N. W. | 8411150139 | 50-250 R | GUINN, P. R. | 8411190206* | FOIA |
| GLASS, L. | 8411190235* | FOIA | GRANT, N. W. | 8411280030 | 50-250 R | GUINN, P. R. | 8411190226* | FOIA |
| GLASS, L. | 8411190405* | FOIA | GRANT, W. B. | 8411130626* | 50-30 G | GUINN, P. R. | 8411190391* | FOIA |
| GLASS, S. M. | 8411130138 | 50-322 Q | GRANT, W. B. | 8411190365* | 50-346 G | GULDENHOND, W. G. | 8411050273* | 50-315 Q |
| GLASSPIEGEL, J. | 8411200014 | 50-440 Q | GRAVES, R. H. | 8411130493 | 50-213 S | GULLICK, F. M. | 8410100784* | 40-2259 |
| GLASSPIEGEL, J. | 8411200014 | 50-440 Q | GRAVES, R. H. | 8411140567 | 50-213 S | GUMBLE, F. W. | 8411190141 | 50-284 S |
| GLENN, J. E. | 8411060449 | 70-2815 | GRAVES, R. H. | 8411150341 | 50-213 R | GUSDO, S. M. | 8411120323* | 50-440 S |
| GLOERSEN, W. B. | 8411160040* | 50-263 G | GRAVES, R. H. | 8411260528 | 50-213 S | GUSTAVE, R. P. | 8411080061 | WASTE RES |
| GLOERSEN, W. B. | 8411160064* | 50-282 G | GRAYSON, M. | 8411090146* | 50-528 G | GUSTAVE, R. P. | 8411080201 | WASTE RES |
| GLOVIER, H. A. | 8411130089 | 50-333 S | GREENMAN, E. G. | 8404110121* | REVIEW GRP | GUTIERREZ, J. M. | 8411260055 | 50-289 Q |
| GLOVIER, H. A. | 8411190152 | 50-333 S | GREENMAN, E. G. | 8411030428 | 50-322 G | GUTIERREZ, J. M. | 8411260060 | 50-289 P |
| GLOVIER, H. A. | 8411200012 | 50-333 R | GREENMAN, E. G. | 8411080188 | 50-289 G | GUZIEL, K. A. | 8411080457 | NUREG |
| GLOVIER, H. A. | 8411260540 | 50-333 S | GREENMAN, E. G. | 8411090402 | 50-219 G | HAASS, W. P. | 8411090297* | 50-482 G |
| GLUSIC, J. J. | 8411130394 | 50-295 S | GREENMAN, E. G. | 8411130113 | 50-354 G | HAFEMEISTER, D. | 8411050312 | PR |
| GOAD, L. F. | 8411200395* | 50-280 F | GREENMAN, E. G. | 8411130213 | 50-5 G | HAGAN, D. L. | 8411140125 | 50-387 F |
| GODDARD, R. J. | 8411290367 | 50-322 G | GREENMAN, E. G. | 8411140311 | 50-277 G | HAGAN, T. F. | 8411010301* | CONTRACT |
| GODFREY, D. A. | 8411260398 | 50-352 S | GREENMAN, E. G. | 8411150250 | 50-387 G | HAGAN, T. F. | 8411080395* | CONTRACT |
| GODDY, A. T. | 8411030200* | 50-277 G | GREENMAN, E. G. | 8411150344* | 50-322 G | HAGAN, T. F. | 8411280171* | CONTRACT |
| GODDY, A. T. | 8411160046* | 50-277 G | GREENMAN, E. G. | 8411190010* | 50-322 G | HAGAN, T. F. | 8411280390* | CONTRACT |
| GOETSCH, S. | 8411190097* | FOIA | GREENMAN, E. G. | 8411200072 | 50-166 G | HAGEY, H. | 8411090487 | CONTRACT |
| GOETSCH, S. | 8411190110* | FOIA | GREENMAN, E. G. | 8411260363 | 50-354 G | HAIST, D. P. | 8411260196 | 50-206 S |
| GOETSCH, S. | 8411190209* | FOIA | GREENMAN, E. G. | 8411270133 | 50-443 G | HAIST, D. P. | 8411160292* | 50-206 S |
| GOETSCH, S. | 8411190307* | FOIA | GREENMAN, E. G. | 8411270142 | 50-322 G | HALL, B. L. | 8411200020* | 50-259 Q |
| GOETSCH, S. | 8411190401* | FOIA | GREENMAN, E. G. | 8411290002 | 50-352 G | HALL, D. P. | 8410050227 | 50-461 A |
| GOETSCH, S. | 8411190515* | FOIA | GREENMAN, E. G. | 8411290417 | 50-387 G | HALL, D. P. | 8411010235 | 50-461 A |
| GOETSCH, S. | 8411190520* | FOIA | GREENMAN, E. G. | 8411080107 | WASTE RES | HALL, D. P. | 8411030420 | 50-461 A |
| GOETSCH, S. | 8411190536* | FOIA | GREENMAN, E. G. | 8411080112 | WASTE RES | HALL, D. P. | 8411050033 | 50-401 A |
| GOETSCH, S. | 8411190558* | FOIA | GREENMAN, E. G. | 8411080220 | WASTE RES | HALL, D. P. | 8411060170 | 50-461 S |
| GOETSCH, S. | 8411190564* | FOIA | GREER, L. R. | 8411060268 | 50-135 G | HALL, D. P. | 8411060433 | 50-461 S |
| GOETSCH, S. | 8411190567* | FOIA | GREER, L. R. | 8411070285 | 50-461 G | HALL, D. P. | 8411060502 | 50-461 S |
| GOETSCH, S. | 8411190576* | FOIA | GREER, L. R. | 8411080592 | 50-440 G | HALL, D. P. | 8411130195 | 50-461 S |
| GOETSCH, S. | 8411190582* | FOIA | GREER, L. R. | 8411090096 | 50-331 F | HALL, D. P. | 8411130278 | 50-461 S |
| | | | GREER, L. R. | 8411090217 | 50-341 F | HALL, D. P. | 8411130316 | 50-461 S |
| | | | GREER, L. R. | 8411090237 | 50-346 F | HALL, D. P. | 8411130464 | 50-461 S |
| | | | GREER, L. R. | 8411130342 | 50-266 G | HALL, D. P. | 8411190238 | 50-461 S |
| | | | GREER, L. R. | 8411130366 | 50-346 G | HALL, D. P. | 8411200279* | 50-461 S |
| | | | GREER, L. R. | 8411130440 | 50-282 F | HALL, D. P. | 8411200284* | 50-461 S |
| | | | GREER, L. R. | 8411130644 | 50-30 G | HALL, D. P. | 8411200292* | 50-461 S |
| | | | GREER, L. R. | 8411160034 | 50-263 G | HALL, D. P. | 8411210071 | 50-461 S |
| | | | GREER, L. R. | 8411160036* | 50-263 G | HALL, D. P. | 8411210076 | 50-461 S |
| | | | GREER, L. R. | 8411160056 | 50-282 G | HALL, D. P. | 8411260016 | 50-461 S |
| | | | GREER, L. R. | 8411160154 | 50-373 G | HALL, D. P. | 8411260220 | 50-461 S |
| | | | GREER, L. R. | 8411160523 | 50-254 G | HALL, R. E. | 8411020367* | 50-285 Q |
| | | | GREER, L. R. | 8411190355 | 50-346 G | HALL, R. E. | 8411020378* | 50-445 Q |
| | | | GREER, L. R. | 8411190498 | 50-266 G | HALL, R. E. | 8411190437* | 50-482 Q |
| | | | GREER, L. R. | 8411260379 | 50-331 F | HALL, R. E. | 8411260496* | 50-267 Q |
| | | | GREER, L. R. | 8411290391 | 50-255 G | HALL, R. J. | 8411050310* | 50-320 Q |

PERSONAL AUTHOR INDEX

465

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|------------------|
| HALLSTROM, G. A. | 8411140556* | 50-424 G | HAWKINS, E. F. | 8411070220 | 40-8745 | HERSCH, M. M. | 8411260427 | XPORTLIC |
| HAMADA, G. H. | 8411090373* | 50-344 G | HAWKINS, E. F. | 8411070287 | 40-8681 | HERSCH, M. M. | 8411260430* | XPORTLIC |
| HAMADA, G. H. | 8411210173* | 50-397 G | HAWKINS, E. F. | 8411070350* | 40-8692 | HETRICK, D. L. | 8411010656 | 50-289 G |
| HAMBLEY, D. F. | 8411080041 | WASTE RES | HAWKINS, E. F. | 8411080003 | 40-8502 | HEYER, R. S. | 8411120453 | I&E |
| HAMBLEY, D. F. | 8411080063 | WASTE RES | HAWKINS, E. F. | 8411080176* | 40-8663 | HICKEY, J. W. | 8411190177* | FOIA |
| HAMBLEY, D. F. | 8411080408 | WASTE RES | HAWKINS, E. F. | 8411080357 | 40-8829 | HICKEY, J. W. | 8411190180* | FOIA |
| HAMILTON, P. | 84111280411 | 50-293 R | HAWKINS, E. F. | 8411080361* | 40-8829 | HICKEY, J. W. | 8411190269* | FOIA |
| HAMMER, M. F. | 8411190191 | 50-263 S | HAWKINS, E. F. | 8411080379 | 40-8783 | HIGGINBOTHAM | 8411200102 | 40-8681 |
| HAMMER, M. F. | 8411190207 | 50-263 S | HAWKINS, E. F. | 8411080387 | 40-8728 | HILDENBRAND, P. | 8411070135 | 40-8684 |
| HAMMERICH, T. A. | 8411130051 | 50-373 S | HAWKINS, E. F. | 8411080424 | 40-8829 | HILDENBRAND, P. | 8411070141* | 40-8684 |
| HAMMITT, H. H. | 8411290248 | FOIA | HAWKINS, E. F. | 8411080505 | 40-8681 | HILDENBRAND, P. | 8411070218 | 40-8681 |
| HAMMOND, C. M. | 8411070154* | TOPREP | HAWKINS, E. F. | 8411080493* | 50-483 G | HILDENBRAND, P. | 8411070350* | 40-8692 |
| HANEK, O. I. | 8411120371* | 50-389 P | HAWKINS, F. | 8411130543* | 50-454 G | HILDENBRAND, P. | 8411080505 | 40-8681 |
| HANNETT, B. A. | 8411070297 | XPORTLIC | HAWKINS, F. C. | 8411120204* | 50-266 G | HILDERBRAND, T. | 8411130014* | 50-369 G |
| HANNUM, W. H. | 8411130328 | PRGJ | HAWKINS, F. C. | 8411160168* | 50-315 G | HILL, D. | 8411280390* | CONTRACT |
| HARDGROVE, T. W. | 8410100779 | 40-2259 | HAWKINS, F. C. | 8411290144* | 50-409 G | HILL, J. | 8411120169 | 50-267 S |
| HARDGROVE, T. W. | 8411160647 | 40-2259 | HAY, D. G. | 8411140454 | 71-58 | HILL, T. D. | 8411190524 | 50-245 S |
| HARDIN, A. K. | 8411130653* | 50-160 G | HAYDEN, N. K. | 8411290376 | NUREG | HILL, T. V. | 8411090324 | WASTE MGT |
| HARDIN, A. K. | 8411140539* | 50-261 G | HAYES, B. B. | 8411120252* | 50-387 G | HILLS, D. E. | 8411160404* | 50-341 G |
| HARE, S. M. | 8411120171* | 50-316 G | HAYES, B. B. | 8411260158 | 50-289 P | HIMLER, J. C. | 8411150086* | 50-323 A |
| HARMON, D. W. | 8411260424 | XPORTLIC | HAYES, B. B. | 8411260217 | 50-289 P | HIND, J. | 8411190492 | 50-263 S |
| HARMON, K. O. | 8409260607* | 50-352 F | HAYNES, J. G. | 8411060228 | 50-206 P | HINRICHS, G. | 8411070341 | 50-247 S |
| HARNER, D. | 8411050338 | PR | HAYNES, J. G. | 8411070298 | 50-361 S | HINTZ, D. C. | 8411020091 | 50-305 P |
| HARPER, T. L. | 8411160046* | 50-277 G | HAYNES, J. G. | 8411090231 | 50-206 G | HINTZ, D. C. | 8411070077 | 50-305 P |
| HARRAN, G. | 8411130514 | 50-245 R | HAYNES, J. G. | 8411090326 | 50-361 S | HINTZ, D. C. | 8411120217* | 50-305 G |
| HARRELL, E. W. | 8411060145 | 50-338 S | HAYNES, J. G. | 8411120133 | 50-361 S | HINTZ, D. C. | 8411190165 | 50-305 S |
| HARRELL, E. W. | 8411120039 | 50-339 S | HAYNES, J. G. | 8411120153 | 50-361 S | HINTZ, D. C. | 8411130441 | 50-305 S |
| HARRELL, E. W. | 8411130592 | 50-338 S | HAYNES, J. G. | 8411130029 | 50-206 S | HINTZ, D. C. | 8411160021 | 50-305 S |
| HARRELL, E. W. | 8411160192 | 50-339 S | HAYNES, J. G. | 8411190215 | 50-206 R | HINTZ, D. C. | 8411190334 | 50-305 R |
| HARRELL, E. W. | 8411190235 | 50-338 S | HAYNES, J. G. | 8411150233 | 50-361 R | HINTZ, D. C. | 8411200345 | 50-305 V |
| HARRELL, E. W. | 8411200446 | 50-338 S | HAYNES, J. G. | 8411160065 | 50-361 S | HINTZ, D. C. | 8411210141 | 50-305 P |
| HARRELL, E. W. | 8411210289 | 50-339 S | HAYNES, J. G. | 8411160118 | 50-361 S | HINTZ, D. C. | 8411280554 | 50-305 S |
| HARRELL, E. W. | 8411260054 | 50-339 S | HAYNES, J. G. | 8411160409 | 50-361 S | HINZE, W. J. | 8411120375 | RES |
| HARRELL, E. W. | 8411290389 | 50-339 S | HAYNES, J. G. | 8411160411 | 50-361 S | HIPPERT, R. J. | 8411060405* | 50-352 T |
| HARRINGTON, L. R. | 8411260295 | XPORTLIC | HAYNES, J. G. | 8411160607 | 50-361 S | HIRSCH, D. | 8411050462 | 50-142 G |
| HARRINGTON, R. M. | 8411130696 | NUREG | HAYNES, J. G. | 8411160611 | 50-206 S | HIRSCH, D. | 8411050466 | 50-142 G |
| HARRINGTON, W. D. | 8411010334 | 50-293 F | HAYNES, J. G. | 8411200451 | 50-206 S | HIRSCH, D. | 8411060432 | 50-142 G |
| HARRINGTON, W. D. | 8411020155 | 50-293 G | HAYNES, J. G. | 8411280341 | 50-206 S | HIRSCH, D. | 8411070101 | PR |
| HARRINGTON, W. D. | 8411020191 | 50-293 P | HAYNES, J. G. | 8411290153 | 50-362 S | HIRSCH, D. | 8411070117* | PR |
| HARRINGTON, W. D. | 8411060251 | 50-293 S | HAYNES, J. G. | 8411290403 | 50-361 S | HIRSCH, D. | 8411070122* | PR |
| HARRINGTON, W. D. | 8411090154 | 50-293 S | HAYNES, R. F. | 8411160345 | 50-269 S | HIRSCH, M. B. | 8411060598 | 50-352 G |
| HARRINGTON, W. D. | 8411090159 | 50-293 S | HEATON, T. H. | 8401300164* | 50-508 A | HOBBS, S. H. | 8411120316 | TOPREP |
| HARRINGTON, W. D. | 8411090329 | 50-293 F | HEATHER, W. H. | 8411020240 | XPORTLIC | HOBBS, S. H. | 8411120316 | TOPREP |
| HARRINGTON, W. D. | 8411140249 | 50-293 G | HEATHER, W. H. | 8411130177 | XPORTLIC | HOBBS, S. H. | 8411210149 | 50-416 E |
| HARRINGTON, W. D. | 8411140359* | 50-293 G | HEHL, C. | 8411140049* | 50-395 G | HODGDON, A. P. | 8411070009 | 50-352 G |
| HARRINGTON, W. D. | 8411160174 | 50-293 G | HEIDENREICH, J. | 8411140418* | CONTRACT | HODGDON, A. P. | 8411090273 | 50-352 G |
| HARRINGTON, W. D. | 8411160283 | 50-293 P | HEIDER, L. H. | 8411140592 | 50-29 R | HODGE, R. W. | 8411130214 | 71-236 |
| HARRINGTON, W. D. | 8411160330 | 50-293 P | HEIMAN, D. | 8411160380 | XPORTLIC | HOFFMAN, D. P. | 8411150284 | 50-155 R |
| HARRINGTON, W. D. | 8411160338 | 50-293 P | HEISHMAN, R. F. | 8411050077* | 50-458 G | HOFFMAN, D. R. | 8411130680 | 50-352 P |
| HARRINGTON, W. D. | 8411190489 | 50-293 P | HEISLER, S. V. | 8411080310 | WASTE RES | HOGAN, J. P. | 8411070006 | PR |
| HARRINGTON, W. D. | 8411210087 | 71-211 | HEITNER, K. L. | 8411140067 | 50-309 P | HOGAN, R. | 8411030200* | 50-277 G |
| HARRINGTON, W. D. | 8411260020 | 50-293 G | HELMES, C. J. | 8410120098* | NUREG | HOLDEN, C. | 8411130285* | 50-309 G |
| HARRINGTON, W. D. | 8411260250 | 50-293 P | HELMES, C. J. | 8411070234 | 50-309 S | HOLLAND, W. E. | 8411140312* | 50-390 G |
| HARRINGTON, W. D. | 8411270230 | 50-293 P | HELMES, C. J. | 8411070324 | 50-369 S | HOLLAR, D. E. | 8411130616 | 50-413 G |
| HARRINGTON, W. D. | 8411280411 | 50-293 R | HELMES, C. J. | 8411160116 | NUREG | HOLLEY, M. L. | 8411280220* | 50-482 G |
| HARRIS, H. G. | 8410120139* | 50-277 G | HELMES, C. J. | 8411160122* | NUREG | HOLLOP, E. E. | 8411080175 | WASTE RES |
| HARRIS, M. S. | 8411120050 | 50-331 S | HELMES, C. J. | 8411160136* | NUREG | HOLMBERG, R. L. | 8411130271 | 71-316 |
| HARRIS, R. H. | 8411090397* | 50-293 G | HELMES, C. J. | 8411280578 | MSC | HOLMES, R. A. | 8411010245* | 50-282 P |
| HARRISON, F. | 8411140511* | 50-324 R | HELMES, C. J. | 8411290152* | ORR | HOLMES-RAY, P. | 8411150281* | 50-321 G |
| HART, R. D. | 8411010422 | 50-250 S | HELMES, C. J. | 8411290239 | TOPREP | HOLONICH, J. J. | 8411200238 | 50-483 D |
| HART, R. D. | 8411010428 | 50-251 S | HELMES, C. J. | 8411290247* | TOPREP | HOLONICH, J. J. | 8411200378 | 50-483 P |
| HART, R. D. | 8411070113 | 50-250 S | HELMES, C. J. | 8411080195 | TOPREP | HOLTZ, J. L. | 8411150289 | 50-334 R |
| HART, R. D. | 8411160419 | 50-251 S | HELMES, C. J. | 8411080280 | NUREG | HOLZMER, M. M. | 8411060516* | 50-454 G |
| HARTER, E. S. | 8411140192 | 71-92 | HENDRICKSON, L. | 7912110507* | FOIA | HOOD, D. | 8411090104 | 50-424 A |
| HARTER, E. S. | 8411140329* | 71-92 | HENDRIE, J. M. | 8411090247 | PR | HOOKS, K. R. | 8411050077* | 50-458 G |
| HARTFORD, S. L. | 8411070209 | 50-445 G | HENDRIE, J. M. | 8411270309* | PR | HOPPER, A. | 8411210213 | CONTRACT |
| HARTFORD, S. L. | 8411070209 | 50-445 G | HENLEY, K. R. | 8411140287 | 50-482 G | HORIN, M. H. | 8411060557 | 50-445 G |
| HARTLEY, J. N. | 8411080461 | NUREG | HENSLEY, K. D. | 8411270674 | 70-143 | HORIN, M. H. | 8411060557 | 50-445 G |
| HARTMAN, S. L. | 8411090277 | 50-445 G | HERBERT, R. J. | 8411130514 | 50-245 R | HORIN, W. A. | 8411060601 | 50-445 G |
| HARTMAN, S. L. | 8411090277 | 50-445 G | HERBERT, R. J. | 8411130514 | 50-245 R | HORIN, W. A. | 8411060601 | 50-445 G |
| HARTMAN, S. L. | 8411210424 | 50-445 G | HERMANN, R. | 8411190144 | 50-321 S | HORIN, W. A. | 8411060615 | 50-445 G |
| HARTMAN, S. L. | 8411210424 | 50-445 G | HERMANN, R. | 8411200065 | 50-321 P | HORIN, W. A. | 8411200206 | 50-445 G |
| HASSE, R. | 8411120204* | 50-266 G | HERMANN, R. A. | 8411190026 | 50-220 P | HORIN, W. A. | 8411200206 | 50-445 G |
| HASSELL, D. F. | 8411090305 | 50-322 G | HERMANN, R. A. | 8411210436 | 50-220 P | HORIN, W. A. | 8411290341 | 50-445 G |
| HATE, K. V. | 8411070044* | 50-400 T | HERMANN, R. A. | 8411280189 | 50-220 P | HORIN, W. A. | 8411290341 | 50-445 G |
| HAUGHEY, M. F. | 8411030315 | 50-410 E | HERNANDEZ, O. | 8411090146* | 50-328 G | HORIN, W. A. | 8411290352 | 50-445 G |
| HAUGHEY, M. F. | 8411190305 | 50-410 A | HERNER, S. | 8411010301* | CONTRACT | HORIN, W. A. | 8411290352 | 50-445 G |
| HAUGHEY, M. F. | 8411200530 | 50-410 A | HERRICK, R. C. | 8409210112* | 50-389 P | HORIN, W. A. | 8411070072* | 50-445 A |
| HAUNER, R. | 8411260035* | 50-331 F | HERRICK, R. C. | 8411200358* | 50-244 P | HORTON, D. E. | 8411200299 | 50-400 G |
| HAWKINS, D. A. | 8411280388 | CONTRACT | HERRICK, R. C. | 8411280525* | 50-247 G | HOSEY, C. M. | 8411140553* | 50-390 G |
| HAWKINS, D. A. | 8411290135 | CONTRACT | HERSCH, M. M. | 8411070223 | XPORTLIC | HOSLER, A. G. | 8411080362 | TOPREP |
| HAWKINS, E. F. | 8411070135 | 40-8684 | HERSCH, M. M. | 8411070232 | XPORTLIC | HOTTEL, J. | 8411210271 | GA999 |
| HAWKINS, E. F. | 8411070141* | 40-8684 | HERSCH, M. M. | 8411070270 | XPORTLIC | HOUSTON, M. D. | 8411130573 | 50-416 G |
| HAWKINS, E. F. | 8411070196 | 40-8348 | HERSCH, M. M. | 8411070301 | XPORTLIC | HOUSTON, M. D. | 8411200471 | 50-416 S |
| HAWKINS, E. F. | 8411070218 | 40-8681 | HERSCH, M. M. | 8411260314 | XPORTLIC | | | |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|------------------|
| HOUVENAGLE, T. | 8411140277 | 50-331 P | IDEKER, R. L. | 8411130250 | 70-143 | JENS, W. H. | 8411130404 | 50-341 S |
| HOUVENAGLE, T. | 8411210144 | 50-331 P | IMBRO, E. V. | 8411070238* | 50-309 S | JENS, W. H. | 8411130477 | 50-341 S |
| HOUVENAGLE, T. | 8411210177 | 50-331 P | IMBRO, E. V. | 8411070245* | 50-309 S | JENS, W. H. | 8411190188 | 50-341 S |
| HOUVENAGLE, T. | 8411290073 | 50-331 P | IMBRO, E. V. | 8411190196* | 50-461 Q | JENS, W. H. | 8411190493 | 50-341 F |
| HOWARD, J. E. | 8411290336* | 50-293 P | IMSE, J. | 8411080481 | WASTE RES | JENS, W. H. | 8411210270 | 50-341 Q |
| HOY, L. E. | 8411120344* | 50-440 S | IOTTI, R. C. | 8411060309* | 50-445 Q | JENS, W. H. | 8411260010 | 50-341 Q |
| HOYLE, A. | 8411210228 | 70-820 | IOTTI, R. C. | 8411060309* | 50-445 Q | JENS, W. H. | 8411260459 | 50-341 Q |
| HOYLE, J. C. | 8411200086 | 50-289 Q | IPPOLITO, T. A. | 8402030178* | REVIEW GRP | JENS, W. H. | 8411260471 | 50-341 S |
| HOYLE, J. C. | 8411260037 | 50-322 Q | IRELAND, R. E. | 8411070119* | 50-382 Q | JENS, W. H. | 8411260479 | 50-341 S |
| HOYLE, J. C. | 8411270360 | 50-413 Q | IRELAND, R. E. | 8411120192* | 50-267 Q | JENS, W. H. | 8411280241 | 50-341 S |
| HOYLE, J. C. | 8411280167 | 50-289 Q | IRELAND, R. E. | 8411190458* | 50-482 Q | JENS, W. H. | 8411280276 | 50-341 E |
| HOYLE, J. C. | 8411290209 | 50-289 T | IRELAND, R. E. | 8411260496* | 50-267 Q | JENSEN, R. A. | 8411280502* | 50-341 Q |
| HOYLE, J. C. | 8411290372 | 50-206 P | IRWIN, D. P. | 8411060265 | 50-322 Q | JENSEN, R. A. | 8411130702 | 71-351 |
| HOYT, H. | 8411090280 | 50-352 Q | IRWIN, D. P. | 8411060265 | 50-322 Q | JENSEN, S. A. | 8410310588* | 50-423 A |
| HOYT, H. F. | 8411090271 | 50-352 Q | IRWIN, D. P. | 8411090474 | 50-322 Q | JENSEN, W. | 8411090047* | 50-272 P |
| HOYT, H. F. | 8411090300 | 50-352 Q | IRWIN, D. P. | 8411090474 | 50-322 Q | JENSEN, W. L. | 8411070084* | 50-445 Q |
| HOYT, H. F. | 8411090308 | 50-352 Q | IRWIN, D. P. | 8411150337 | 50-322 Q | JENSEN, W. L. | 8411070084* | 50-445 Q |
| HOYT, H. F. | 8411090317 | 50-352 Q | IRWIN, D. P. | 8411150337 | 50-322 Q | JIERREE, C. C. | 8411070321* | 40-225 Q |
| HOYT, H. F. | 8411090318 | 50-352 Q | IRWIN, D. P. | 8411160020* | 50-322 Q | JIERREE, C. C. | 8411070323* | 40-225 Q |
| HOYT, H. F. | 8411090323 | 50-352 Q | IRWIN, D. P. | 8411160020* | 50-322 Q | JIERREE, C. C. | 8411070329* | 40-225 Q |
| HOYT, H. F. | 8411090334 | 50-352 Q | IRWIN, M. B. | 8411270327 | 50-352 Q | JOBE, C. | 8411270206 | 50-70 Q |
| HOYT, H. F. | 8411090336 | 50-352 Q | ISHII, M. | 8411280518 | NUREG | JOHNSON, A. D. | 8411210136* | 50-397 Q |
| HOYT, H. F. | 8411090337 | 50-352 Q | IVEY, K. | 8411030379* | 50-312 Q | JOHNSON, A. D. | 8411280006* | 50-344 Q |
| HOYT, H. F. | 8411090338* | 50-352 Q | IVEY, K. | 8411090146* | 50-528 Q | JOHNSON, B. D. | 8411060384 | 50-255 P |
| HOYT, H. F. | 8411090340 | 50-352 Q | IVORY, B. J. | 8411080522* | CONTRACT | JOHNSON, B. D. | 8411200373 | 50-255 P |
| HOYT, H. F. | 8411090348 | 50-352 Q | JACKIWI, I. | 8411060363 | 50-282 S | JOHNSON, B. D. | 8411290368 | 50-255 S |
| HOYT, H. F. | 8411090350 | 50-352 Q | JACKIWI, I. N. | 8411130401* | 50-266 Q | JOHNSON, C. | 8411010163 | 50-317 P |
| HOYT, H. F. | 8411090440 | 50-352 Q | JACKIWI, I. N. | 8411160267 | 50-346 S | JOHNSON, C. | 8411010396 | 50-317 P |
| HOYT, H. F. | 8411090471 | 50-352 Q | JACKIWI, I. N. | 8411210432* | 50-346 Q | JOHNSON, C. P. | 8411160354* | 50-354 Q |
| HOYT, H. F. | 8411290413 | 50-352 Q | JACKIWI, I. N. | 8411260062* | 50-305 Q | JOHNSON, D. | 8411270141* | 50-443 Q |
| HOYT, H. F. | 8411290413 | 50-352 Q | JACKSON, A. R. | 8411130497* | 50-482 Q | JOHNSON, D. O. | 8411060585* | 50-322 Q |
| HSU, C. | 8411050107 | 50-346 S | JACKSON, D. H. | 8411260129 | NUREG | JOHNSON, D. O. | 8411060585* | 50-322 Q |
| HSU, C. | 8411050111* | 50-346 S | JACKSON, D. H. | 8411280591* | CONTRACT | JOHNSON, E. H. | 8411020291 | 50-458 Q |
| HUDSON, S. D. | 8411260378* | 50-220 Q | JACKSON, G. | 8411160236* | 71-6601 | JOHNSON, E. H. | 8411050263 | 50-267 P |
| HUDSPETH, J. B. | 8411120341 | 50-348 F | JACKSON, G. | 8411190229* | FOIA | JOHNSON, E. H. | 8411060188 | 50-267 P |
| HUDSPETH, J. B. | 8411190160 | 50-348 F | JACKSON, G. | 8411190262* | FOIA | JOHNSON, E. H. | 8411060194 | 50-267 P |
| HUDSPETH, J. B. | 8411280011 | 50-348 F | JACKSON, G. | 8411190298* | FOIA | JOHNSON, E. H. | 8411060197 | 50-267 Q |
| HUDSPETH, J. B. | 8411290414 | 50-348 F | JACKSON, G. | 8411190318* | FOIA | JOHNSON, E. H. | 8411070014 | 50-498 Q |
| HUEY, F. R. | 8411050450 | 50-362 S | JACKSON, G. | 8411190350* | FOIA | JOHNSON, E. H. | 8411070090 | 50-298 Q |
| HUFF, J. M. | 8411260383* | 50-237 P | JACKSON, G. | 8411190402* | FOIA | JOHNSON, E. H. | 8411070118 | 50-267 S |
| HUFHAM, J. W. | 8411260300 | 50-390 F | JACOBS, G. K. | 8411080288* | WASTE RES | JOHNSON, E. H. | 8411070231 | 50-267 P |
| HUFHAM, J. W. | 8411280237 | PRM | JACOBS, G. K. | 8411080342 | WASTE RES | JOHNSON, E. H. | 8411120181 | 50-267 Q |
| HUFHAM, J. W. | 8411290270 | 50-390 S | JACOBS, G. K. | 8411080368 | WASTE RES | JOHNSON, E. H. | 8411130018 | 50-267 P |
| HUFHAM, J. W. | 8411290290 | 50-438 S | JACOBS, G. K. | 8411080393* | WASTE RES | JOHNSON, E. H. | 8411140106* | 50-267 P |
| HUFHAM, J. W. | 8411290315 | 50-391 S | JACOBS, G. K. | 8411080397 | WASTE RES | JOHNSON, E. H. | 8411260116 | 50-267 F |
| HUFHAM, J. W. | 8411290328 | 50-438 S | JACOBS, G. K. | 8411080469 | WASTE RES | JOHNSON, E. H. | 8411260146 | 50-458 H |
| HUFHAM, J. W. | 8411290629 | 50-438 S | JACOBS, G. K. | 8411080495* | WASTE RES | JOHNSON, E. H. | 8411260157 | 50-298 Q |
| HUGHES, L. D. | 8411150053* | 50-155 P | JACOBS, R. H. | 8411200194* | 50-387 Q | JOHNSON, E. H. | 8411260490 | 50-267 Q |
| HUGHES, L. D. | 8411150062* | 50-155 P | JACOBS, R. H. | 8411270423* | 50-387 Q | JOHNSON, E. H. | 8411260583 | 50-267 P |
| HUKILL, H. D. | 8411050343 | 50-289 F | JACOBSEN, J. M. | 8411060553* | 50-454 Q | JOHNSON, E. H. | 8411280216* | 50-267 P |
| HUKILL, H. D. | 8411120226 | 50-289 S | JACOBSON, J. | 8411130501* | 50-461 Q | JOHNSON, E. H. | 8411280248 | 50-498 Q |
| HUKILL, H. D. | 8411140352 | 50-289 F | JACOBSON, J. M. | 8411130266* | 50-461 Q | JOHNSON, E. H. | 8411280298 | 50-498 Q |
| HUKILL, H. D. | 8411160024 | 50-289 P | JAFFE, L. L. | 8411140361 | 50-352 H | JOHNSON, G. E. | 8411010342 | 50-413 Q |
| HUKILL, H. D. | 8411210189 | 50-289 F | JAFFE, P. | 8411030149 | PR | JOHNSON, G. E. | 8411010375 | 50-413 Q |
| HUKILL, H. D. | 8411260417 | 50-289 P | JAMISON, J. D. | 8411270612* | FOIA | JOHNSON, G. E. | 8411060404 | 50-413 Q |
| HULL, A. | 8411160335* | 50-220 Q | JAMISON, J. D. | 8411290619* | FOIA | JOHNSON, G. E. | 8411290324 | 50-413 Q |
| HUMPHREYS, L. L. | 8411050109 | 50-392 A | JAMISON, J. D. | 8411290622* | FOIA | JOHNSON, G. L. | 8411050421* | 50-390 A |
| HUMPHREYS, L. L. | 8411060121* | 50-289 P | JANG, J. | 8411280604* | 50-277 Q | JOHNSON, G. W. | 8411160146 | 71-228 |
| HUNNICUTT, D. M. | 8411020378* | 50-445 Q | JAPE, F. | 8411080403* | 50-280 Q | JOHNSON, G. W. | 8411160151* | 71-228 Q |
| HUNNICUTT, D. M. | 8411060525* | 50-445 Q | JAPE, F. | 8411130539* | 50-259 Q | JOHNSON, J. | 8411270335* | 50-293 Q |
| HUNNICUTT, D. M. | 8411130491* | 50-445 Q | JAPE, F. | 8411130691* | 50-250 Q | JOHNSON, J. | 8411290523* | 50-293 Q |
| HUNSTAD, A. A. | 8411120127 | 50-306 S | JAPE, F. | 8411130708* | 50-400 Q | JOHNSON, J. J. | 8411140107 | NUREG |
| HUNSTAD, A. A. | 8411130489 | 50-282 S | JAPE, F. | 8411130733* | 50-324 Q | JOHNSON, J. R. | 8411290133 | 50-293 S |
| HUNT, D. G. | 8411190300* | FOIA | JAPE, F. | 8411140171* | 50-338 Q | JOHNSON, P. H. | 8411050395 | 50-397 S |
| HUNT, D. G. | 8411190309* | FOIA | JAPE, F. | 8411140223* | 50-416 Q | JOHNSON, P. H. | 8411050450 | 50-362 S |
| HUNT, D. G. | 8411190328* | FOIA | JAPE, F. | 8411140265* | 50-395 Q | JOHNSON, P. H. | 8411060514* | 50-528 Q |
| HUNT, D. G. | 8411190340* | FOIA | JAPE, F. | 8411140532* | 50-321 Q | JOHNSON, P. H. | 8411160292* | 50-206 Q |
| HUNT, D. G. | 8411190412* | FOIA | JARMAN, R. C. | 8411010639 | 50-335 S | JOHNSON, P. H. | 8411210166* | 50-275 Q |
| HUNT, D. G. | 8411190422* | FOIA | JAUDON, J. | 8411280255* | 50-498 Q | JOHNSON, P. H. | 8411260196 | 50-206 S |
| HUNT, D. G. | 8411190426* | FOIA | JAUDON, J. P. | 8411070099* | 50-298 Q | JOHNSON, P. H. | 8411280016* | 50-397 Q |
| HUNT, D. G. | 8411190427* | FOIA | JAUDON, J. P. | 8411280382* | 50-458 Q | JOHNSON, R. L. | 8411090375 | WASTE RES |
| HUNT, D. G. | 8411190432* | FOIA | JEFFRIES, J. A. | 8411090331* | 50-293 F | JOHNSON, S. C. | 8411150142 | 70-143 |
| HUNT, D. G. | 8411190448* | FOIA | JENKINS, C. R. | 8411130315 | 71-53 | JOHNSON, T. P. | 8411200220 | 50-336 S |
| HUNTER, D. | 8411130490* | 50-400 Q | JENKINS, G. R. | 8411140463* | 50-338 Q | JOHNSON, W. P. | 8411050194 | 50-443 A |
| HUNTER, D. | 8411060356 | 50-313 Q | JENKINS, G. R. | 8411140553* | 50-390 Q | JOHNSTON, G. | 8411090146* | 50-528 Q |
| HUNTER, D. R. | 8411060366 | 50-368 S | JENKINS, G. R. | 8411150210* | 50-321 Q | JOHNSTON, G. W. | 8411030216* | 50-344 Q |
| HUNTER, D. R. | 8411050313 | 50-368 S | JENKINS, G. R. | 8411150311* | 50-324 Q | JONES, A. | 8411210278 | QA999 |
| HUNTER, D. R. | 8411190458 | 50-482 Q | JENNINGS, R. L. | 8411080527 | WASTE RES | JONES, B. G. | 8411050164 | WASTE RES |
| HUNTER, D. R. | 8411260198 | 50-285 Q | JENS, W. H. | 8411030433 | 50-341 S | JONES, D. | 8411130501* | 50-461 Q |
| HUNTER, D. R. | 8411260278 | 50-482 Q | JENS, W. H. | 8411060078 | 50-341 S | JONES, D. E. | 8411060553* | 50-454 Q |
| HUNTER, D. R. | 8411260286 | 50-235 S | JENS, W. H. | 8411060159 | 50-341 Q | JONES, D. W. | 8411120161 | 50-219 S |
| HUNTER, D. R. | 8411260381 | 50-445 Q | JENS, W. H. | 8411060225* | 50-341 Q | JONES, G. T. | 8411010202 | 50-260 S |
| HUNTER, R. | 8411090135 | WASTE RES | JENS, W. H. | 8411080314 | 50-341 Q | JONES, G. T. | 8411050042 | 50-296 S |
| HUTKO, K. | 8411160223 | 50-219 S | JENS, W. H. | 8411120178* | 50-341 Q | JONES, G. T. | 8411060613 | 50-259 S |
| HUYAKORN, P. S. | 8411060077* | WASTE RES | JENS, W. H. | 8411120317 | 50-341 A | JONES, G. T. | 8411140575 | 50-296 S |

PERSONAL AUTHOR INDEX

467

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| JONES, G. T. | 8411150296 | 50-259 R | KAYANAS, N. C. | 8411120388* | 50-440 S | KENDORSKI, F. S. | 8411050523 | WASTE RES |
| JONES, G. T. | 8411150584 | 50-296 S | KEATEN, R. W. | 8411109027* | 50-289 Q | KENDORSKI, F. S. | 8411050525 | WASTE RES |
| JONES, K. M. | 84111080078 | RE00D | KEATING, D. E. | 8411130501* | 50-441 Q | KENDORSKI, F. S. | 8411050529 | WASTE RES |
| JONES, M. H. | 84111280191* | 50-390 A | KEIMIO, R. | 8411050368 | 50-352 S | KENDORSKI, F. S. | 8411050531 | WASTE RES |
| JONES, P. E. | 8411160487* | CONTRACT | KEIMIO, R. R. | 8411120200* | 70-2988 | KENDORSKI, F. S. | 8411050533 | WASTE RES |
| JONES, P. E. | 8411280390* | CONTRACT | KEIMIO, R. R. | 8411130122* | 50-219 Q | KENDORSKI, F. S. | 8411050536 | WASTE RES |
| JONES, R. C. | 8411070151* | TOPREP | KEIMIO, R. R. | 8411130587* | 50-271 Q | KENDORSKI, F. S. | 8411050539 | WASTE RES |
| JONES, R. C. | 8411260085* | 50-400 Q | KEIMIO, R. R. | 8411200302* | XPORTLIC | KENDORSKI, F. S. | 8411050541 | WASTE RES |
| JONES, V. | 8411190338 | 50-280 R | KEISER, H. | 84111280368 | 50-387 S | KENDORSKI, F. S. | 8411050548 | WASTE RES |
| JONES, V. C. | 8411120323* | 50-440 S | KEISER, H. W. | 8411090446 | 50-388 S | KENDORSKI, F. S. | 8411080050 | WASTE RES |
| JONES, V. C. | 8411120334* | 50-440 S | KEISER, H. W. | 8411130127 | 50-387 S | KENDORSKI, F. S. | 8411080058 | WASTE RES |
| JONES, W. B. | 8411070133* | 50-382 Q | KEISER, H. W. | 8411140194 | 50-388 S | KENDORSKI, F. S. | 8411080073 | WASTE RES |
| JORDAN, E. L. | 8411010388 | 50-3 Q | KEISER, H. W. | 8411160025 | 50-387 S | KENDORSKI, F. S. | 8411080106 | WASTE RES |
| JORDAN, E. L. | 8411010487 | 50-3 Q | KEISER, H. W. | 8411190346 | 50-387 S | KENDORSKI, F. S. | 8411080186 | WASTE RES |
| JORDAN, E. L. | 8411060254 | 50-3 Q | KEISER, H. W. | 8411200460 | 50-388 S | KENDORSKI, F. S. | 8411080228 | WASTE RES |
| JORDAN, E. L. | 8411150041 | 50-3 Q | KEISER, H. W. | 8411210276 | 50-387 S | KENDORSKI, F. S. | 8411080413 | WASTE RES |
| JORDAN, E. L. | 8411190054 | 50-3 Q | KEISER, H. W. | 8411210475 | 50-388 S | KENDORSKI, F. S. | 8411080440 | WASTE RES |
| JORDAN, E. L. | 8411190072 | 50-3 Q | KEISER, H. W. | 8411260463 | 50-387 S | KENDORSKI, F. S. | 8411080459* | WASTE RES |
| JORDAN, W. S. | 8411200161 | 50-289 T | KEISER, H. W. | 8411280306 | 50-387 S | KENDORSKI, F. S. | 8411080482* | WASTE RES |
| JORDAN, W. S. | 8411200161 | 50-289 T | KEISER, H. W. | 8411280309 | 50-388 S | KENDORSKI, F. S. | 8411080497* | WASTE RES |
| JORGENSEN, C. C. | 8411290173 | NURE0 | KEISER, H. W. | 8411280475 | 50-387 S | KENNY, T. J. | 8411140385* | 50-286 Q |
| JOSEPH, M. A. | 8411160026* | 50-267 S | KEITH, A. K. | 84111050334 | 50-124 P | KENNY, B. D. | 8411140125 | 50-387 F |
| JOSEPH, M. A. | 8411160029* | 50-267 S | KEITH, H. N. | 8411130089 | 50-333 S | KENYON, S. D. | 8411190333 | 50-387 R |
| JOYNER, J. | 8411140186 | I&E | KELLER, G. R. | 8411120375 | RES | KENYON, S. D. | 8411210070 | 50-387 R |
| JOYNER, J. | 8411160239 | I&E | KELLER, R. | 8411160076* | 50-170 Q | KENYON, S. D. | 8411280154 | 50-387 R |
| JOYNER, J. | 8411260045 | I&E | KELLER, R. | 8411270141* | 50-443 Q | KEPPLER, J. Q. | 8411060346 | 50-346 Q |
| JULIAN, C. A. | 8411190533* | 50-160 Q | KELLER, R. M. | 8411120307* | 50-289 Q | KEPPLER, J. Q. | 8411060357 | 50-346 Q |
| JULIAN, C. A. | 8411140312* | 50-390 Q | KELLER, R. M. | 8411140323* | 50-277 Q | KEPPLER, J. Q. | 8411120209 | 50-305 Q |
| JULIAN, C. A. | 8411190137* | 50-327 Q | KELLER, R. M. | 8411160110* | 50-336 Q | KEPPLER, J. Q. | 8411120235 | 50-456 Q |
| JUNGE, H. | 8411010019 | 50-317 S | KELLER, R. M. | 8411290008* | 50-352 Q | KEPPLER, J. Q. | 8411130378 | 50-483 Q |
| KAHLE, J. B. | 8411130558* | 70-1201 | KELLEY, J. L. | 8411290384 | 50-413 Q | KEPPLER, J. Q. | 8411160128 | 50-373 Q |
| KAHLE, J. B. | 8411130635* | 70-824 | KELLUND, G. | 8411030375* | 50-312 Q | KEPPLER, J. Q. | 8411160135* | 50-373 Q |
| KAISER, A. F. | 8411020137 | 50-206 S | KELLUND, G. C. | 8411080378* | 50-206 Q | KEPPLER, J. Q. | 8411190482 | 50-329 A |
| KAISER, G. D. | 8411060614* | 50-352 T | KELLUND, G. C. | 8411090146* | 50-328 Q | KEPPLER, J. Q. | 8411210059 | 50-10 Q |
| KALIVIANAKIS, N. | 8411090243 | 50-254 P | KELLY, D. P. | 8411290068 | NURE0 | KEPPLER, J. Q. | 8411210066* | 50-10 Q |
| KALIVIANAKIS, N. | 8411130267 | 50-265 S | KELLY, E. M. | 8411260372* | 50-354 Q | KEPPLER, J. Q. | 8411210319 | 50-331 Q |
| KALIVIANAKIS, N. | 8411190153 | 50-254 R | KELLY, E. M. | 8411270160* | 50-322 Q | KEPPLER, J. Q. | 8411270233 | 50-315 Q |
| KALIVIANAKIS, N. | 8411210461 | 50-254 R | KELLY, F. | 8411060448* | 50-289 T | KEPPLER, J. Q. | 8411270243* | 50-315 Q |
| KALIMARF, D. R. | 8411080461 | NURE0 | KELLY, F. | 8411060504* | 50-289 T | KEPPLER, J. Q. | 8411270341 | 50-346 Q |
| KALMON, K. J. | 8411060190 | 50-373 S | KELLY, G. | 8411290680 | 50-387 Q | KEPPLER, J. Q. | 8411270344* | 50-346 Q |
| KALTER, C. J. | 8411140125 | 50-387 F | KELLY, J. A. | 8411020367* | 50-285 Q | KERCH, H. | 8411270369* | 50-352 Q |
| KAMERMAN, L. | 8411200418* | 50-280 F | KELLY, J. A. | 8411190437* | 50-482 Q | KERCH, H. W. | 8411090397* | 50-293 Q |
| KAMERMAN, L. | 8411200421* | 50-280 F | KELLY, L. | 8411200108 | 50-286 R | KERCH, H. W. | 8411200131* | 50-213 Q |
| KAMERMAN, L. | 8411200426* | 50-280 F | KELLY, R. B. | 8411080102 | QA999 | KESHISHIAN, P. | 8411090077* | 50-458 Q |
| KAMERMAN, L. | 8411200428* | 50-280 F | KELLY, R. M. | 8411030105* | 50-352 Q | KETELLE, R. H. | 8411160587 | 40-2259 |
| KAMERMAN, L. | 8411200431* | 50-280 F | KELLY, R. M. | 8411130218* | 50-5 Q | KETELLE, R. H. | 8411160596* | 40-2259 |
| KAMERMAN, L. | 8411200433* | 50-280 F | KELLY, R. W. | 8411190600* | 50-219 Q | KETZLACH, N. | 8411160625* | 70-824 |
| KAMERMAN, L. | 8411200436* | 50-280 F | KELLY, R. W. | 8411200077* | 50-166 Q | KEY, W. J. | 8411160132* | 50-456 Q |
| KAMERMAN, L. | 8411200437* | 50-280 F | KELMERS, A. D. | 8411080010 | WASTE RES | KILLAR, F. M. | 8411270083 | PRM |
| KAMERMAN, L. | 8411200441* | 50-280 F | KELMERS, A. D. | 8411080013 | WASTE RES | KIM, D. | 8411200537 | 50-237 S |
| KAMERMAN, L. | 8411200444* | 50-280 F | KELMERS, A. D. | 8411080223* | WASTE RES | KIM, D. C. | 8411290262 | 50-249 S |
| KAMERMAN, L. | 8411080333* | 50-438 Q | KELMERS, A. D. | 8411080250* | WASTE RES | KIMEL, W. | 8411060448* | 50-289 T |
| KANE, D. | 8411270397 | 50-352 H | KELMERS, A. D. | 8411080259* | WASTE RES | KIMEL, W. | 8411060448* | 50-289 T |
| KANE, R. S. | 8411200351 | 50-199 P | KELMERS, A. D. | 8411080380* | WASTE RES | KIMEL, W. | 8411060504* | 50-289 T |
| KANGLEY, J. P. | 8411130559 | 71-9183 | KELMERS, A. D. | 8411080381 | WASTE RES | KIMLER, D. | 8411210461 | 50-254 R |
| KANDLEY, J. P. | 8411130559 | 71-9183 | KELMERS, A. D. | 8411080390 | WASTE RES | KING, D. B. | 8411160085 | NURE0 |
| KANDH, L. R. | 8411280016* | 50-397 Q | KELMERS, A. D. | 8411080393* | WASTE RES | KINNEMAN, J. | 8411140186 | I&E |
| KAPLAN, S. | 8411210401 | 50-304 S | KELMERS, A. D. | 8411080407 | WASTE RES | KINNEMAN, J. | 8411260045 | I&E |
| KARAH, R. A. | 8411070127 | PR | KELMERS, A. D. | 8411080419 | WASTE RES | KINNEMAN, J. D. | 8411060449 | 70-2815 |
| KASNER, D. | 8411160354* | 50-354 F | KELMERS, A. D. | 8411080444 | WASTE RES | KINNEMAN, J. D. | 8411080045 | 40-7453 |
| KASS, J. N. | 8411260383* | 50-237 P | KELMERS, A. D. | 8411090431* | WASTE RES | KINTNER, L. L. | 8411090089 | 50-416 P |
| KATO, W. Y. | 8411080117 | WASTE RES | KEMPER, J. | 8411020254 | 50-352 Q | KIRCHHOFF, W. | 8411290587 | 50-373 S |
| KATO, W. Y. | 8411080124* | WASTE RES | KEMPER, J. | 8411020260* | 50-352 Q | KIRK, G. B. | 8411190101 | 50-327 S |
| KATO, W. Y. | 8411080673 | WASTE RES | KEMPER, J. S. | 8411020241 | 50-352 A | KIRK, G. B. | 8411270543 | 50-328 S |
| KATO, W. Y. | 8411290218* | FOIA | KEMPER, J. S. | 8411080170 | 50-352 F | KIRK, W. F. | 8411140457 | 71-6 |
| KATO, W. Y. | 8411290221* | FOIA | KEMPER, J. S. | 8411090161 | 50-352 Q | KIRSCH, D. F. | 8411010366 | 50-508 A |
| KATO, W. Y. | 8411290226* | FOIA | KEMPER, J. S. | 8411090267 | 50-352 Q | KIRSCH, D. F. | 8411090146* | 50-528 Q |
| KATO, W. Y. | 8411290230* | FOIA | KEMPER, J. S. | 8411140362 | 50-352 Q | KIRSCH, D. F. | 8411140165 | 50-528 Q |
| KATO, W. Y. | 8411290235* | FOIA | KEMPER, J. S. | 8411190281 | 50-277 Q | KIRSCH, D. F. | 8411140253 | 50-528 A |
| KATO, W. Y. | 8411290238* | FOIA | KEMPER, J. S. | 8411200232 | 50-352 F | KIRSCH, D. F. | 8411140272 | 50-528 Q |
| KATO, W. Y. | 8411290243* | FOIA | KEMPER, J. S. | 8411200277 | 50-352 Q | KIRSCH, D. F. | 8411140306 | 50-206 Q |
| KATO, W. Y. | 8411290250* | TOPREP | KEMPER, S. J. | 8411130156 | 50-346 P | KIRSCH, D. F. | 8411140358 | 50-312 P |
| KATO, W. Y. | 8411290253* | FOIA | KEMPKA, S. N. | 8411160083 | NURE0 | KIRSCH, D. F. | 8411160415* | 50-528 Q |
| KATO, W. Y. | 8411290260* | FOIA | KEMPKA, S. N. | 8411160085 | NURE0 | KIRSCH, D. F. | 8411190090 | 50-528 Q |
| KATO, W. Y. | 8411290265* | FOIA | KENDALL, R. A. | 8411260085* | 50-400 Q | KIRSCH, D. F. | 8411200043 | 50-312 Q |
| KATO, W. Y. | 8411290274* | FOIA | KENDORSKI, F. S. | 8411050478 | WASTE RES | KIRSCH, D. F. | 8411210126 | 50-397 Q |
| KATO, W. Y. | 8411290279* | FOIA | KENDORSKI, F. S. | 8411050480 | WASTE RES | KIRSCH, D. F. | 8411210157 | 50-275 Q |
| KATO, W. Y. | 8411290282* | FOIA | KENDORSKI, F. S. | 8411050485 | WASTE RES | KIRSCH, D. F. | 8411210180 | 50-344 Q |
| KATO, W. Y. | 8411290288* | FOIA | KENDORSKI, F. S. | 8411050487 | WASTE RES | KIRSCH, D. F. | 8411280001 | 50-344 Q |
| KATO, W. Y. | 8411290291* | FOIA | KENDORSKI, F. S. | 8411050488 | WASTE RES | KIRSCH, D. F. | 8411280012 | 50-397 Q |
| KATO, W. Y. | 8411290603* | FOIA | KENDORSKI, F. S. | 8411050492 | WASTE RES | KIRSCH, D. F. | 8411290626 | 50-275 P |
| KAY, J. A. | 8411060295 | 50-29 P | KENDORSKI, F. S. | 8411050496 | WASTE RES | KISSE, E. | 8411160182* | 50-293 Q |
| KAY, J. A. | 8411260288 | 50-29 P | KENDORSKI, F. S. | 8411050499 | WASTE RES | KISTER, H. B. | 8411010167 | 50-410 Q |
| KAY, J. A. | 8411260373 | 50-29 P | KENDORSKI, F. S. | 8411050503 | WASTE RES | KISTER, H. B. | 8411090452 | 50-286 Q |
| KAYANAS, N. C. | 8411120369* | 50-440 S | KENDORSKI, F. S. | 8411050517 | WASTE RES | KISTER, H. B. | 8411070138 | 50-272 Q |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| KISTER, H. B. | 8411090509 | 50-244 G | KONWINSKI, G. R. | 8411070293* | 40-6622 | LARSON, R. G. | 8411190577 | 40-8786 |
| KISTER, H. B. | 8411130504 | 50-352 G | KONWINSKI, G. R. | 8411080417* | 40-6622 | LATIMER, P. S. | 8411160311* | 71-85 |
| KISTER, H. B. | 8411140372 | 50-286 G | KONWINSKI, G. R. | 8411080492 | 40-1162 | LAURENSEN, J. A. | 8411060338 | 50-322 G |
| KISTER, H. B. | 8411160266 | 50-277 G | KONWINSKI, G. R. | 8411080552* | 40-6659 | LAWTON, M. D. | 8411200323 | 40-8064 |
| KISTER, H. B. | 8411160401 | 50-333 G | KONWINSKI, G. R. | 8411080559* | 40-6659 | LAYTON, R. L. | 8411190297* | FOIA |
| KISTER, H. B. | 8411260356 | 50-244 G | KOON, A. R. | 8411090370 | 50-395 S | LAZARUS, W. | 8411090495 | 50-244 G |
| KISTER, H. B. | 8411260370 | 50-220 G | KOON, A. R. | 8411120056 | 50-395 S | LAZARUS, W. J. | 8411020202* | 50-244 G |
| KISTER, H. B. | 8411270148 | 50-333 G | KOON, A. R. | 8411130369 | 50-395 S | LAZARUS, W. J. | 8411090514* | 50-244 G |
| KISTER, H. B. | 8411270338 | 50-352 G | KOON, A. R. | 8411160167 | 50-395 S | LAZD, R. M. | 8411010551 | 50-389 H |
| KISTER, H. B. | 8411290277 | 50-322 G | KOON, A. R. | 8411260545 | 50-395 S | LAZD, R. M. | 8411060446 | 50-142 G |
| KLAGES, J. | 8411130622 | NUREG | KOON, A. R. | 8411260552 | 50-395 S | LE, A. K. | 8410030608* | 50-309 G |
| KLEIN, D. | 8411160038 | 50-192 F | KOPLIK, C. M. | 8411080029* | WASTE RES | LEAVERTON, W. | 8411130267 | 50-265 S |
| KLEIN, J. | 8411130622 | NUREG | KOPLIK, C. M. | 8411080134* | WASTE RES | LEE, C. H. | 8411210145* | REVIEW GRP |
| KLEIN, T. J. | 8411140066 | 40-8584 | KOPP, J. E. | 8411200393* | 50-280 F | LEE, J. | 8411260047 | 50-289 H |
| KLEINSORGE, W. P. | 8411140060* | 50-261 G | KORNETT, M. T. | 8411170337 | 70-1941 | LEE, J. N. | 8411140314 | 50-338 R |
| KLIMM, R. | 8411270317 | 50-352 T | KOUTS, H. J. | 8411270603* | FOIA | LEE, J. R. | 8411120348* | 50-440 S |
| KLINGLER, G. | 8411260236 | 50-313 G | KRAMARIC, C. M. | 8411260458 | NUREG | LEE, D. R. | 8411060027 | 50-267 P |
| KLYNDO, E. P. | 8411060409* | 50-352 T | KRASPOULOS, A. | 8411010006* | 50-352 G | LEE, D. R. | 8411060032* | 50-267 P |
| KNAPP, M. R. | 8411090378* | WASTE RES | KRASPOULOS, A. | 8411270349* | 50-352 G | LEE, D. R. | 8411200068 | 50-267 H |
| KNAPP, M. R. | 8411090025 | WASTE RES | KRASPOULOS, A. | 8411290528* | 50-219 G | LEE, D. R. | 8411280225 | 50-267 P |
| KNAPP, M. R. | 8411090184 | WASTE RES | KRATZER, M. B. | 8411160158 | XPORTRIC | LEE, D. R. | 8411280266 | 50-267 P |
| KNICELEY, J. R. | 8411060139* | 50-440 G | KRAUSE, C. R. | 8411210323 | 50-266 R | LEE, D. R. | 8411290013 | 50-267 P |
| KNIGHT, J. P. | 8401300182* | 50-344 P | KRAUSE, D. R. | 8411020209 | 50-124 P | LEE, D. R. | 8411290048 | 50-267 F |
| KNIGHT, J. P. | 8402290448* | 50-344 P | KRAUSE, D. R. | 8411050334 | 50-124 P | LEE, R. | 8411260215 | 50-368 P |
| KNIGHTON, G. W. | 8411010385 | 50-361 P | KREH, J. L. | 8411140613* | 50-269 G | LEE, R. S. | 8411130661 | 50-361 P |
| KNIGHTON, G. W. | 8411010393* | 50-361 P | KREH, J. L. | 8411160031* | 50-261 G | LEE, S. Y. | 8411080503* | WASTE RES |
| KNIGHTON, G. W. | 8411020159 | 50-361 P | KRIH, R. W. | 8411270326 | 50-482 F | LEE, V. Y. | 8411140441 | 50-309 R |
| KNIGHTON, G. W. | 8411090067 | 50-361 P | KROGER, R. F. | 8411280300* | 50-315 F | LEE, Y. S. | 8411010245* | 50-282 P |
| KNIGHTON, G. W. | 8411130430* | 50-275 P | KROPP, W. | 8411050493* | 50-483 G | LEECH, P. H. | 8411010211 | 50-293 P |
| KNIGHTON, G. W. | 8411140215 | 50-361 P | KRUPA, J. F. | 8411130669* | NUREG | LEECH, P. H. | 8411210341 | 50-293 F |
| KNIGHTON, G. W. | 8411140225* | 50-361 P | KUCZYNSKI, L. A. | 8411130127 | 50-387 S | LEECH, P. H. | 8411210441 | 50-293 P |
| KNIGHTON, G. W. | 8411200229 | 50-275 F | KUCZYNSKI, L. A. | 8411140194 | 50-388 S | LEIGHTON, A. P. | 8411290215 | FOIA |
| KNIGHTON, G. W. | 8411200374 | 50-361 P | KUCZYNSKI, L. A. | 8411150333 | 50-387 R | LEMPDES, T. E. | 8411020433 | 50-220 S |
| KNIGHTON, G. W. | 8411200409 | 50-275 P | KUCZYNSKI, L. A. | 8411160025 | 50-387 S | LEMPDES, T. E. | 8411130458 | 50-410 E |
| KNIGHTON, G. W. | 8411280537 | 50-323 A | KUCZYNSKI, L. A. | 8411200460 | 50-388 S | LEMPDES, T. E. | 8411140324 | 50-220 R |
| KNOP, R. C. | 8411030229* | 50-440 G | KUCZYNSKI, L. A. | 8411280134 | 50-387 R | LEMPDES, T. E. | 8411150067 | 50-410 A |
| KNOP, R. C. | 8411130475* | 50-461 G | KUCZYNSKI, L. A. | 8411280306 | 50-387 S | LEMPDES, T. E. | 8411150307 | 50-220 S |
| KNOP, R. C. | 8411290039* | 50-461 G | KUCZYNSKI, L. A. | 8411280309 | 50-388 S | LEMPDES, T. E. | 8411190491 | 50-410 E |
| KNOP, R. C. | 8411290129* | 50-341 G | KUENIN, J. L. | 8411050102 | 50-155 P | LENAHAN, J. J. | 8411080403* | 50-280 G |
| KNOTT, J. B. | 8411060336 | 50-416 I | KUENIN, J. L. | 8411060206 | 50-155 F | LENAHAN, J. J. | 8411130733* | 50-324 G |
| KNOTT, J. B. | 8411280269 | 50-445 G | KUENIN, J. L. | 8411070042 | 50-155 P | LENART, R. S. | 8411020422 | 50-341 A |
| KNOK, K. K. | 8411050312 | PR | KUENIN, J. L. | 8411140274 | 50-155 P | LENNEN, M. | 8411140287 | 50-482 G |
| KNOK, M. | 8411160335* | 50-220 G | KUENIN, J. L. | 8411150043 | 50-155 P | LEONARD, B. P. | 8411060448* | 50-289 T |
| KNOK, M. | 8411210464* | 50-334 G | KULENIN, J. L. | 8411290099 | 50-155 F | LEONARD, B. P. | 8411060521* | 50-289 T |
| KNUCKLES, E. R. | 8411120371* | 50-389 P | KULENIN, J. L. | 8411060527 | 50-352 T | LEONARD, J. D. | 8411070079 | 50-322 F |
| KOBER, R. W. | 8410240230 | 50-244 P | KUNCL, L. G. | 8411050259 | 50-298 G | LEONARD, J. D. | 8411120172* | 50-322 G |
| KOBER, R. W. | 8411010377 | 50-244 G | KUNKA, M. K. | 8411200377* | 50-255 P | LEONARD, J. D. | 8411160278 | 50-322 A |
| KOBER, R. W. | 8411010387 | 50-244 S | KUSEK, L. T. | 8411030738 | 50-285 S | LEONARD, J. D. | 8411160325 | 50-322 A |
| KOBER, R. W. | 8411010395 | 50-244 P | LACEY, W. S. | 8411130412 | 71-9111 | LEONARD, J. D. | 8411160347 | 50-322 A |
| KOBER, R. W. | 8411050270 | 50-244 P | LACEY, W. S. | 8411290465 | 50-334 S | LEONARD, J. D. | 8411200055 | 50-322 G |
| KOBER, R. W. | 8411060464 | 50-244 P | LAGRANGE, R. G. | 8411160014* | 50-322 G | LEONARD, J. D. | 8411200343 | 50-322 F |
| KOBER, R. W. | 8411080287 | 50-244 F | LAGRANGE, R. G. | 8411190019* | 50-322 G | LEONARD, J. D. | 8411210218 | 50-322 F |
| KOBER, R. W. | 8411150262 | 50-244 S | LAHER, R. T. | 8411260282 | 50-225 G | LEONARD, J. D. | 8411210267 | 50-322 A |
| KOBER, R. W. | 8411200117 | 50-244 X | LAINAS, G. C. | 8402150358* | 50-344 P | LEONARD, J. D. | 8411260224 | 50-322 S |
| KOBER, R. W. | 8411210272 | 50-244 F | LAINAS, G. C. | 8411010435 | TOPREP | LEONARD, J. D. | 8411260327 | 50-322 I |
| KOBER, R. W. | 8411270033 | 50-244 S | LAINAS, G. C. | 8411020504 | 50-302 P | LEONARD, J. D. | 8411260419 | 50-322 S |
| KOCAMUSTAGADOL | 8411280518 | NUREG | LAINAS, G. C. | 8411060277* | 50-269 G | LESTER, B. | 8411050093* | WASTE RES |
| KOENIG, R. L. | 8411140094 | 50-373 S | LAINAS, G. C. | 8411140472* | 50-348 P | LESTER, B. H. | 8411060077* | WASTE RES |
| KOENIG, R. L. | 8411150320 | 50-397 S | LAINAS, G. C. | 8411200015* | 50-325 P | LESTER, D. H. | 8411080029* | WASTE RES |
| KOENIG, R. L. | 8411150325 | 50-397 S | LAINAS, G. C. | 8411200026* | 50-271 F | LESTER, D. H. | 8411080134* | WASTE RES |
| KOENIG, R. L. | 8411200392 | 50-397 S | LAINAS, G. C. | 8411200153* | 50-266 P | LETSCH, K. J. | 8411060327 | 50-322 G |
| KOENIG, R. L. | 8411200394 | 50-397 S | LAINAS, G. C. | 8411200425* | 50-285 P | LETSCH, K. J. | 8411060327 | 50-322 G |
| KOENIG, R. L. | 8411200434 | 50-397 S | LAINAS, G. C. | 8411210287* | 50-263 P | LETSCH, K. J. | 8411130579 | 50-322 G |
| KOENIG, R. L. | 8411200440 | 50-397 S | LAINAS, G. C. | 8411210352 | 50-312 S | LETSCH, K. J. | 8411130583* | 50-322 G |
| KOENIG, R. L. | 8411270040 | 50-397 S | LAINAS, G. C. | 8411280211* | 50-333 F | LETSCH, K. J. | 8411130583* | 50-322 G |
| KOENIG, R. L. | 8411270329 | 50-397 S | LAINAS, G. C. | 8411280472* | 50-263 P | LETSCH, K. J. | 8411130676 | 50-322 G |
| KOENIG, R. L. | 8411280008 | 50-397 S | LAINAS, G. C. | 8411290445* | 50-298 P | LETSCH, K. J. | 8411130676 | 50-322 G |
| KOENIG, R. L. | 8411280180 | 50-397 S | LAMB, P. | 8411010483 | 50-259 S | LETSCH, K. J. | 8411150267 | 50-322 G |
| KOESTER, G. L. | 8411050280 | 50-482 S | LAMB, D. W. | 8411050075 | WASTE RES | LETSCH, K. J. | 8411150267 | 50-322 G |
| KOESTER, G. L. | 8411050287 | 50-482 S | LAMB, D. W. | 8411050116 | WASTE RES | LETSCH, K. J. | 8411150270* | 50-322 G |
| KOESTER, G. L. | 8411060174 | 50-482 S | LAMB, D. W. | 8411050148 | WASTE RES | LETSCH, K. J. | 8411150270* | 50-322 G |
| KOESTER, G. L. | 8411060371 | 50-482 S | LAMB, J. C. | 8411050171 | WASTE RES | LETSCH, K. J. | 8411260009 | 50-322 G |
| KOESTER, G. L. | 8411090239 | 50-482 A | LAMB, J. C. | 8411010656 | 50-289 G | LETSCH, K. J. | 8411260009 | 50-322 G |
| KOESTER, G. L. | 8411260364 | 50-482 F | LANEY, R. V. | 8411060121* | 50-289 P | LEUTNER, R. H. | 8411280413 | 50-483 S |
| KOESTER, G. L. | 8411280046 | 50-482 S | LANG, T. E. | 8411160404* | 50-341 G | LEVINTHAL, P. | 8411050338 | PR |
| KOESTER, G. L. | 8411290537 | 50-482 S | LANFORD, D. W. | 8411080489* | WASTE RES | LEVINE, A. J. | 8411290438* | FOIA |
| KOESTER, G. L. | 8411290584 | 50-482 S | LANKSBURY, R. D. | 8411160145* | 50-373 G | LEVINE, J. L. | 8411140188 | 50-313 F |
| KOHL, C. N. | 8411060592 | 50-382 G | LANPHER, L. C. | 8411140480 | 50-322 G | LEWIS, D. R. | 8411020538 | 50-289 G |
| KOHLER, A. D. | 8411280059 | 50-508 S | LANPHER, L. C. | 8411140480 | 50-322 G | LEWIS, D. R. | 8411020538 | 50-289 G |
| KOLTAY, P. B. | 8411050459* | 50-286 G | LANPHER, L. C. | 8411150309 | 50-322 G | LEWIS, D. R. | 8411090270 | 50-289 G |
| KONWINSKI, G. R. | 8411070230 | 40-6659 | LANPHER, L. C. | 8411150309 | 50-322 G | LEWIS, D. R. | 8411090270 | 50-289 G |
| KONWINSKI, G. R. | 8411070277* | 40-6622 | LANPHER, L. C. | 8411270364 | 50-322 G | LEWIS, D. R. | 8411090448 | 50-289 G |
| KONWINSKI, G. R. | 8411070283* | 40-6622 | LANPHER, L. C. | 8411270364 | 50-322 G | LEWIS, D. R. | 8411090448 | 50-289 G |
| KONWINSKI, G. R. | 8411070288* | 40-6622 | LARSON, C. E. | 8411010285 | 50-263 F | LEWIS, D. R. | 8411130617* | 50-289 G |
| | | | LARSON, C. E. | 8411060145 | 50-263 F | LEWIS, D. R. | 8411130617* | 50-289 G |

PERSONAL AUTHOR INDEX

469

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|
| LEWIS, D. R. | 8411130665 | 50-289 G | LIDEN, E. A. | 8411210171 | 50-311 P | LOUX, R. R. | 8411080376 | WASTE MGT |
| LEWIS, D. R. | 8411130665 | 50-289 G | LIDEN, E. A. | 8411210215 | 50-272 P | LOVE, A. R. | 8411060366 | 50-352 G |
| LEWIS, D. R. | 8411130677 | 50-289 G | LIDEN, E. A. | 8411210234 | 50-311 P | LOVE, R. S. | 8411060082* | 50-456 G |
| LEWIS, D. R. | 8411130677 | 50-289 G | LIDEN, E. A. | 8411210240 | 50-311 P | LOVE, R. S. | 8411200106* | 50-461 G |
| LEWIS, D. R. | 8411190578 | 50-289 G | LIDEN, E. A. | 8411260223 | 50-272 J | LOVENDALE, P. C. | 8411060276* | 50-135 G |
| LEWIS, D. R. | 8411190578 | 50-289 G | LIDEN, E. A. | 8411270399 | 50-272 F | LOWE, W. W. | 8411050434* | 50-289 T |
| LEWIS, D. R. | 8411190580* | 50-289 G | LIDEN, E. A. | 8411280175 | 50-272 R | LOWE, W. W. | 8411050434* | 50-289 T |
| LEWIS, D. R. | 8411190580* | 50-289 G | LIDON, D. M. | 8411080011* | WASTE RES | LOWE, W. W. | 8411060315* | 50-289 T |
| LEWIS, D. R. | 8411280283 | 50-289 G | LIMROTH, D. F. | 8411120029 | 50-272 S | LOWE, W. W. | 8411060315* | 50-289 T |
| LEWIS, D. R. | 8411280283 | 50-289 G | LIMROTH, D. F. | 8411120049 | 50-272 G | LUEHMAN, J. G. | 8411140132* | 50-338 G |
| LEWIS, J. | 8411290395 | 50-373 S | LINDER, C. A. | 8411060435 | 50-123 P | LUNDVALL, A. E. | 8411020235 | 50-317 G |
| LEWIS, J. P. | 8411070345* | CONTRACT | LINDER, F. | 8411050389 | 50-409 P | LUNDVALL, A. E. | 8411060291 | 50-318 P |
| LEWIS, M. I. | 8411270311 | 50-352 G | LINDER, F. | 8411050444 | 50-409 F | LUNDVALL, A. E. | 8411070102 | 50-317 P |
| LEWIS, M. I. | 8411270311 | 50-352 G | LINDER, F. | 8411060192 | 50-409 P | LUNDVALL, A. E. | 8411120124 | 50-317 P |
| LEWIS, P. | 8411270288 | 50-352 G | LINDER, F. | 8411070004 | 50-409 G | LUNDVALL, A. E. | 8411140203 | 50-317 G |
| LEWIS, R. C. | 8411010044 | 50-302 F | LINDER, F. | 8411120058 | 50-409 S | LUNDVALL, A. E. | 8411150049 | 50-317 F |
| LEWIS, R. C. | 8411010034 | 50-259 P | LINDER, F. | 8411140368 | 50-409 R | LUNDVALL, A. E. | 8411190488 | 50-317 G |
| LEWIS, R. C. | 8411010084 | 50-327 S | LINDER, F. | 8411200055 | 50-409 F | LUPITAK, A. | 8411070144 | 50-309 S |
| LEWIS, R. C. | 8411010099 | 50-390 F | LINDER, F. | 8411270511 | 50-409 R | LYNCH, M. D. | 8411090084 | 50-341 F |
| LEWIS, R. C. | 8411010138 | 50-400 G | LINDSEY, D. J. | 8411260340 | 50-333 S | LYON, L. | 8411210479 | STATE PROG |
| LEWIS, R. C. | 8411010249 | 50-269 G | LINEHAN, J. | 8411190195 | WASTE MGT | LYONS, P. J. | 8411190030 | 40-299 |
| LEWIS, R. C. | 8411010621 | 50-393 F | LINEBERGER, G. | 8411060616 | 50-424 G | LYONS, P. J. | 8411190140 | 40-299 |
| LEWIS, R. C. | 8411060573 | 50-335 F | LINVILLE, J. | 8411160210 | 50-272 S | LYONS, P. J. | 8411190237 | 40-299 |
| LEWIS, R. C. | 8411080301* | 50-400 G | LINVILLE, J. C. | 8411070147* | 50-272 G | LYONS, P. J. | 8411190370 | 40-299 |
| LEWIS, R. C. | 8411080399* | 50-280 G | LINVILLE, J. C. | 8411200286* | 50-272 G | LYONS, P. J. | 8411190601 | 40-299 |
| LEWIS, R. C. | 8411130062 | 50-321 F | LIPINSKY, D. R. | 8411030309* | 50-245 G | LYONS, P. J. | 8411200109 | 40-299 |
| LEWIS, R. C. | 8411130071 | 50-348 F | LIPINSKY, J. J. | 8411090339* | 50-445 G | MACDONALD, C. E. | 8411200489 | 40-299 |
| LEWIS, R. C. | 8411130578 | 50-280 G | LIPINSKY, J. J. | 8411090347* | 50-445 G | MACDONALD, C. E. | 8411010008 | 71-51 |
| LEWIS, R. C. | 8411130595 | 50-302 G | LIPINSKY, J. J. | 8411200323* | 50-445 G | MACDONALD, C. E. | 8411010009 | 71-47 |
| LEWIS, R. C. | 8411130618* | 50-302 G | LIPINSKY, J. J. | 8411200323* | 50-445 G | MACDONALD, C. E. | 8411010010 | 71-59 |
| LEWIS, R. C. | 8411140002 | 50-400 G | LIPINSKY, J. J. | 8411290409* | 50-445 G | MACDONALD, C. E. | 8411010012 | 71-76 |
| LEWIS, R. C. | 8411140004 | 50-250 G | LIPPE, L. | 8411260018 | 50-289 P | MACDONALD, C. E. | 8411010013 | 71-77 |
| LEWIS, R. C. | 8411140010* | 50-250 G | LITTLE, W. S. | 8411060075 | 50-456 G | MACDONALD, C. E. | 8411010014 | 71-89 |
| LEWIS, R. C. | 8411140026 | 50-393 G | LITTLE, W. S. | 8411120148 | 50-316 G | MACDONALD, C. E. | 8411010015 | 71-44 |
| LEWIS, R. C. | 8411140038* | 50-393 G | LITTLE, W. S. | 8411120157* | 50-316 G | MACDONALD, C. E. | 8411010031 | 71-134 |
| LEWIS, R. C. | 8411140046 | 50-302 G | LITTLE, W. S. | 8411130259 | 50-461 G | MACDONALD, C. E. | 8411010036 | 71-243 |
| LEWIS, R. C. | 8411140074* | 50-400 G | LITTLE, W. S. | 8411130492 | 50-461 G | MACDONALD, C. E. | 8411010032 | 71-125 |
| LEWIS, R. C. | 8411140100 | 50-338 G | LITTLE, W. S. | 8411160141 | 50-456 G | MACDONALD, C. E. | 8411010039 | 71-205 |
| LEWIS, R. C. | 8411140109* | 50-338 G | LITTLE, W. S. | 8411160507 | 50-456 G | MACDONALD, C. E. | 8411010081 | 71-226 |
| LEWIS, R. C. | 8411140297 | 50-390 G | LITTLE, W. S. | 8411190362 | 50-316 G | MACDONALD, C. E. | 8411010112 | 71-224 |
| LEWIS, R. C. | 8411140298 | 50-230 F | LITTLE, W. S. | 8411190369* | 50-316 G | MACDONALD, C. E. | 8411010117 | 71-183 |
| LEWIS, R. C. | 8411140305* | 50-390 G | LITTLE, W. S. | 8411200101 | 50-441 G | MACDONALD, C. E. | 8411010140 | 71-120 |
| LEWIS, R. C. | 8411140317 | 50-261 G | LITTLE, W. S. | 8411280474 | 50-341 G | MACDONALD, C. E. | 8411010162 | 71-9168 |
| LEWIS, R. C. | 8411140320 | 50-416 F | LIU, L. | 8411290476* | 50-331 P | MACDONALD, C. E. | 8411010166 | 71-127 |
| LEWIS, R. C. | 8411140330 | 50-259 F | LLOYD, R. L. | 8411030077* | 50-458 G | MACDONALD, C. E. | 8411010189 | 71-242 |
| LEWIS, R. C. | 8411140336* | 50-261 G | LOCKE, R. T. | 8411140008 | 50-352 G | MACDONALD, C. E. | 8411010203 | 71-130 |
| LEWIS, R. C. | 8411140395 | 50-280 F | LOCKERT, S. | 8411020550* | 50-273 G | MACDONALD, C. E. | 8411010208 | 71-132 |
| LEWIS, R. C. | 8411140604 | 50-395 F | LOFY, R. A. | 8411120003* | CONTRACT | MACDONALD, C. E. | 8411010210 | 71-137 |
| LEWIS, R. C. | 8411140611 | 50-269 F | LOFY, R. A. | 8411090079* | CONTRACT | MACDONALD, C. E. | 8411010213 | 71-145 |
| LEWIS, R. C. | 8411150083* | 50-327 G | LOFY, R. A. | 8411190272 | NUREG | MACDONALD, C. E. | 8411010217 | 71-298 |
| LEWIS, R. C. | 8411150099* | 50-327 G | LOGSDON, M. | 8411030747 | WASTE RES | MACDONALD, C. E. | 8411010220 | 71-136 |
| LEWIS, R. C. | 8411150101 | 50-302 F | LOGSDON, M. | 8411030751 | WASTE RES | MACDONALD, C. E. | 8411010221 | 71-148 |
| LEWIS, R. C. | 8411150104 | 50-261 F | LOGSDON, M. | 8411030829 | WASTE RES | MACDONALD, C. E. | 8411010225 | 71-292 |
| LEWIS, R. C. | 8411150109 | 50-321 V | LOGSDON, M. | 8411060517 | WASTE RES | MACDONALD, C. E. | 8411010229* | 71-168 |
| LEWIS, R. C. | 8411150194 | 50-321 G | LOGSDON, M. | 8411060529 | WASTE RES | MACDONALD, C. E. | 8411010230 | 71-281 |
| LEWIS, R. C. | 8411150202* | 50-321 G | LOGSDON, M. | 8411060541 | WASTE RES | MACDONALD, C. E. | 8411010232 | 71-306 |
| LEWIS, R. C. | 8411150240 | 50-259 P | LOGSDON, M. | 8411060546 | WASTE RES | MACDONALD, C. E. | 8411010239 | 71-307 |
| LEWIS, R. C. | 8411150245* | 50-393 G | LOGSDON, M. | 8411080028 | WASTE RES | MACDONALD, C. E. | 8411010260 | 71-319 |
| LEWIS, R. C. | 8411150253 | 50-348 G | LOGSDON, M. | 8411080053 | WASTE RES | MACDONALD, C. E. | 8411010265 | 71-322 |
| LEWIS, R. C. | 8411150257 | 50-321 G | LOGSDON, M. | 8411080114 | WASTE RES | MACDONALD, C. E. | 8411010271 | 71-5797 |
| LEWIS, R. C. | 8411150264* | 50-348 G | LOGSDON, M. | 8411080133 | WASTE RES | MACDONALD, C. E. | 8411010277* | 71-5797 |
| LEWIS, R. C. | 8411150271* | 50-321 G | LOGSDON, M. J. | 8411030670 | WASTE RES | MACDONALD, C. E. | 8411010281 | 71-157 |
| LEWIS, R. C. | 8411150279 | 50-259 P | LOGSDON, M. J. | 8411030708 | WASTE RES | MACDONALD, C. E. | 8411010288* | 71-157 |
| LEWIS, R. C. | 8411160003 | 50-259 G | LOGSDON, M. J. | 8411030730 | WASTE RES | MACDONALD, C. E. | 8411010315 | 71-218 |
| LEWIS, R. C. | 8411160017* | 50-259 G | LOGSDON, M. J. | 8411030742 | WASTE RES | MACDONALD, C. E. | 8411010338 | 71-161 |
| LEWIS, S. H. | 8411020517 | 50-352 G | LOGSDON, M. J. | 8411030746 | WASTE RES | MACDONALD, C. E. | 8411010426 | 71-28 |
| LEWIS, S. H. | 8411190025 | 50-454 G | LOGSDON, M. J. | 8411030836 | WASTE RES | MACDONALD, C. E. | 8411010444 | 71-304 |
| LEWIS, S. H. | 8411270319 | 50-454 G | LOGSDON, M. J. | 8411030838 | WASTE RES | MACDONALD, C. E. | 8411010484 | 71-305 |
| LEWIS, S. H. | 8411270380 | 50-454 G | LOGSDON, M. J. | 8411030849 | WASTE RES | MACDONALD, C. E. | 8411010611 | 71-6357 |
| LEY, M. | 8411130706 | 50-412 E | LOGSDON, M. J. | 8411030018 | WASTE RES | MACDONALD, C. E. | 8411010618* | 71-6357 |
| LEY, M. | 8411150254 | 50-412 F | LOGSDON, M. J. | 8411050023 | WASTE RES | MACDONALD, C. E. | 8411010622 | 71-9183 |
| LICITRA, E. A. | 84111200582 | 50-328 A | LOGSDON, M. J. | 8411050029 | WASTE RES | MACDONALD, C. E. | 8411010627 | 71-6294 |
| LICITRA, E. A. | 84111290139 | 50-328 F | LOGSDON, M. J. | 8411050049 | WASTE RES | MACDONALD, C. E. | 8411010630* | 71-6294 |
| LIDEN, E. A. | 8411050319 | 50-272 P | LOGSDON, M. J. | 8411070279 | WASTE RES | MACDONALD, C. E. | 8411010647 | 71-522 |
| LIDEN, E. A. | 8411060374 | 50-272 G | LOGSDON, M. J. | 8411070284 | WASTE RES | MACDONALD, C. E. | 8411010653* | 71-522 |
| LIDEN, E. A. | 8411060494 | PR | LOGSDON, M. J. | 8411080096 | WASTE RES | MACDONALD, C. E. | 8411020005 | 71-6172 |
| LIDEN, E. A. | 8411120333 | 50-311 P | LOGSDON, M. J. | 8411080256 | WASTE RES | MACDONALD, C. E. | 8411020011* | 71-6172 |
| LIDEN, E. A. | 8411140247 | 50-272 P | LONG, R. L. | 8411150273 | 50-395 R | MACDONALD, C. E. | 8411020100 | 71-5149 |
| LIDEN, E. A. | 8411140338 | 50-272 P | LONG, R. L. | 8411060448* | 50-289 T | MACDONALD, C. E. | 8411020104* | 71-5149 |
| LIDEN, E. A. | 8411160035 | 50-272 G | LONG, R. L. | 8411060493* | 50-289 T | MACDONALD, C. E. | 8411020107 | 71-9071 |
| LIDEN, E. A. | 8411210009 | 50-272 P | LONG, R. L. | 8411260156 | 50-289 P | MACDONALD, C. E. | 8411020304 | 71-5543 |
| LIDEN, E. A. | 8411210019 | 50-272 P | LORENZ, R. A. | 8411290160 | NUREG | MACDONALD, C. E. | 8411020306* | 71-5543 |
| LIDEN, E. A. | 8411210030 | 50-272 P | LOU, S. | 8411070065* | 50-445 A | MACDONALD, C. E. | 8411020324 | 71-5341 |
| LIDEN, E. A. | 8411210111 | 50-272 P | LOUDERBACK, T. E. | 8411190121 | 40-8714 | MACDONALD, C. E. | 8411020327* | 71-5341 |
| LIDEN, E. A. | 8411210115 | 50-272 P | LOUX, R. C. | 8411140287 | 50-482 G | MACDONALD, C. E. | 8411020333 | 71-5910 |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|
| MACDONALD, C. E. | 8411020335* | 71-5910 | MADEDA, T. J. | 8411060279* | 50-190 Q | MARTIN, J. | 8411210004 | 50-397 F |
| MACDONALD, C. E. | 8411020515 | 71-9151 | MADEDA, T. J. | 8411210073* | 50-10 Q | MARTIN, J. B. | 8411090358 | 50-312 Q |
| MACDONALD, C. E. | 8411030247 | 71-9853 | MADISON, J. P. | 8411210252 | 71-120 | MARTIN, J. B. | 8411190529 | 50-275 Q |
| MACDONALD, C. E. | 8411030252* | 71-9853 | MADSEN, G. L. | 8411090297* | 50-482 Q | MARTIN, J. B. | 8411200081 | 50-312 F |
| MACDONALD, C. E. | 8411030257 | 71-9015 | MAERKER, R. E. | 8411290586 | NUREG | MARTIN, J. B. | 8411210257 | 50-528 Q |
| MACDONALD, C. E. | 8411030264 | 71-9151 | MAGNUSSON, E. J. | 8411200087 | PR | MARTIN, J. D. | 8411070103* | 50-397 V |
| MACDONALD, C. E. | 8411030550 | 71-140 | MAISE, G. | 8411290603* | FOIA | MARTIN, J. D. | 8411150320 | 50-397 S |
| MACDONALD, C. E. | 8411070244 | 71-6601 | MALARD, J. C. | 8411190150* | FOIA | MARTIN, J. D. | 8411150325 | 50-397 S |
| MACDONALD, C. E. | 8411070256 | 71-6771 | MALCOM, M. | 8411020287* | 50-424 A | MARTIN, J. D. | 8411200392 | 50-397 S |
| MACDONALD, C. E. | 8411070259 | 71-9073 | MALLOY, J. A. | 8411290144* | 50-409 Q | MARTIN, J. D. | 8411200394 | 50-397 S |
| MACDONALD, C. E. | 8411070315 | 71-13 | MALODY, C. W. | 8411140510 | XPORTLIC | MARTIN, J. D. | 8411200434 | 50-397 S |
| MACDONALD, C. E. | 8411070317* | 71-13 | MALODY, C. W. | 8411210251 | 70-1257 | MARTIN, J. D. | 8411200440 | 50-397 S |
| MACDONALD, C. E. | 8411070327 | 71-9071 | MALODY, C. W. | 8411260159 | XPORTLIC | MARTIN, J. D. | 8411270040 | 50-397 S |
| MACDONALD, C. E. | 8411080218 | 71-6291 | MALODY, C. W. | 8411260420 | XPORTLIC | MARTIN, J. D. | 8411270529 | 50-397 S |
| MACDONALD, C. E. | 8411080222 | 71-64 | MANGAN, C. V. | 8411020147* | 50-220 Q | MARTIN, J. D. | 8411280008 | 50-397 S |
| MACDONALD, C. E. | 8411080229* | 71-64 | MANGAN, C. V. | 8411030613 | 50-410 S | MARTIN, J. D. | 8411280180 | 50-397 S |
| MACDONALD, C. E. | 8411080238 | 71-232 | MANGAN, C. V. | 8411050248 | 50-410 A | MARTIN, L. | 8411030084* | 50-482 Q |
| MACDONALD, C. E. | 8411080241* | 71-232 | MANGAN, C. V. | 8411050261 | 50-410 E | MARTIN, L. E. | 8411020253 | 50-482 Q |
| MACDONALD, C. E. | 8411080245 | 71-269 | MANGAN, C. V. | 8411050271 | 50-410 E | MARTIN, L. E. | 8411020367* | 50-285 Q |
| MACDONALD, C. E. | 8411080249* | 71-269 | MANGAN, C. V. | 8411060088 | 50-410 S | MARTIN, L. E. | 8411030332* | 50-482 Q |
| MACDONALD, C. E. | 8411080255 | 71-86 | MANGAN, C. V. | 8411060441 | 50-410 E | MARTIN, L. E. | 8411030373* | 50-482 Q |
| MACDONALD, C. E. | 8411080260* | 71-86 | MANGAN, C. V. | 8411060508 | 50-410 A | MARTIN, L. E. | 8411090297* | 50-482 Q |
| MACDONALD, C. E. | 8411080276 | 71-9932 | MANGAN, C. V. | 8411060518 | 50-410 S | MARTIN, L. E. | 8411130497* | 50-482 Q |
| MACDONALD, C. E. | 8411080372 | 71-332 | MANGAN, C. V. | 8411060520 | 50-410 S | MARTIN, L. E. | 8411190437* | 50-482 Q |
| MACDONALD, C. E. | 8411080373* | 71-332 | MANGAN, C. V. | 8411060582 | 50-410 S | MARTIN, L. E. | 8411190458* | 50-482 Q |
| MACDONALD, C. E. | 8411080429 | 71-131 | MANGAN, C. V. | 8411070311 | 50-410 S | MARTIN, L. E. | 8411260271* | 50-482 Q |
| MACDONALD, C. E. | 8411080432* | 71-131 | MANGAN, C. V. | 8411070334 | 50-410 S | MARTIN, L. E. | 8411280220* | 50-482 Q |
| MACDONALD, C. E. | 8411080435 | 71-184 | MANGAN, C. V. | 8411120402 | 50-410 S | MARTIN, R. D. | 8411030596 | STATE PROG |
| MACDONALD, C. E. | 8411080435* | 71-184 | MANGAN, C. V. | 8411130226 | 50-410 S | MARTIN, R. D. | 8411190579 | 50-267 Q |
| MACDONALD, C. E. | 8411080474 | 71-245 | MANGAN, C. V. | 8411140090 | 50-410 A | MARTIN, R. D. | 8411200125 | 50-267 Q |
| MACDONALD, C. E. | 8411080483* | 71-245 | MANGAN, C. V. | 8411140153 | 50-220 P | MARTIN, R. D. | 8411200313 | STATE PROG |
| MACDONALD, C. E. | 8411130007 | 71-9028 | MANGAN, C. V. | 8411140602* | 50-410 Q | MARTIN, R. D. | 8411260354 | 50-482 Q |
| MACDONALD, C. E. | 8411130012* | 71-9028 | MANGAN, C. V. | 8411150033 | 50-410 A | MARTIN, R. D. | 8411260360* | 50-482 Q |
| MACDONALD, C. E. | 8411130072 | 71-334 | MANGAN, C. V. | 8411150048 | 50-410 E | MARTIN, R. D. | 8411290633 | 50-482 Q |
| MACDONALD, C. E. | 8411130078* | 71-334 | MANGAN, C. V. | 8411150096 | 50-410 A | MARTIN, R. W. | 8411070055 | STATE PROG |
| MACDONALD, C. E. | 8411130084 | 71-9860 | MANGAN, C. V. | 8411150105 | 50-410 R | MARTIN, T. | 8411070078* | 50-445 A |
| MACDONALD, C. E. | 8411130087* | 71-9860 | MANGAN, C. V. | 8411150123 | 50-410 A | MARTIN, T. J. | 8411060099 | 50-354 S |
| MACDONALD, C. E. | 8411130196 | 71-4986 | MANGAN, C. V. | 8411150220 | 50-410 A | MARTIN, T. J. | 8411060231 | 50-354 S |
| MACDONALD, C. E. | 8411130322 | 71-132 | MANGAN, C. V. | 8411160140 | 50-220 S | MARTIN, T. J. | 8411060581 | 50-354 S |
| MACDONALD, C. E. | 8411130327 | 71-9128 | MANGAN, C. V. | 8411190009 | 50-410 S | MARTIN, T. J. | 8411060600 | 50-354 S |
| MACDONALD, C. E. | 8411130689 | 71-4949 | MANGAN, C. V. | 8411190065 | 50-410 S | MARTIN, T. J. | 8411120054 | 50-354 S |
| MACDONALD, C. E. | 8411130693* | 71-4949 | MANGAN, C. V. | 8411190073 | 50-410 S | MARTIN, T. J. | 8411280567 | 50-354 S |
| MACDONALD, C. E. | 8411130700 | 71-9192 | MANGAN, C. V. | 8411190098 | 50-410 S | MARTIN, T. J. | 8411290111 | 50-354 S |
| MACDONALD, C. E. | 8411140080 | 71-9016 | MANGAN, C. V. | 8411200089 | 50-410 Q | MARTIN, T. J. | 8411290124 | 50-354 Q |
| MACDONALD, C. E. | 8411150187 | 71-5939 | MANGAN, C. V. | 8411200119 | 50-410 A | MARTIN, T. T. | 8411010004 | 50-352 Q |
| MACDONALD, C. E. | 8411150191* | 71-5939 | MANGAN, C. V. | 8411210301 | 50-410 S | MARTIN, T. T. | 8411010018 | 50-286 Q |
| MACDONALD, C. E. | 8411160439 | 71-330 | MANGAN, C. V. | 8411210338 | 50-410 S | MARTIN, T. T. | 8411010044 | 50-352 Q |
| MACDONALD, C. E. | 8411160444* | 71-330 | MANGAN, C. V. | 8411260005 | 50-410 E | MARTIN, T. T. | 8411010184 | 50-245 Q |
| MACDONALD, C. E. | 8411160558 | 71-53 | MANGAN, C. V. | 8411260079 | 50-410 A | MARTIN, T. T. | 8411020131 | 50-272 Q |
| MACDONALD, C. E. | 8411160561 | 71-7 | MANGAN, C. V. | 8411260091 | 50-410 A | MARTIN, T. T. | 8411020143 | 50-220 Q |
| MACDONALD, C. E. | 8411160578 | 71-6346 | MANGAN, C. V. | 8411260099 | 50-410 A | MARTIN, T. T. | 8411020231 | 50-333 Q |
| MACDONALD, C. E. | 8411160584* | 71-6346 | MANGAN, C. V. | 8411260376 | 50-410 R | MARTIN, T. T. | 8411020232 | 50-387 Q |
| MACDONALD, C. E. | 8411160590 | 71-286 | MANGAN, C. V. | 8411270272 | 50-410 K | MARTIN, T. T. | 8411020242 | 50-247 Q |
| MACDONALD, C. E. | 8411160597* | 71-286 | MANNING, H. A. | 8411120313 | 50-440 S | MARTIN, T. T. | 8411030187 | 50-277 Q |
| MACDONALD, C. E. | 8411160600 | 71-120 | MANNING, H. A. | 8411120319* | 50-440 S | MARTIN, T. T. | 8411050386 | 50-225 Q |
| MACDONALD, C. E. | 8411160603* | 71-120 | MANNING, H. A. | 8411120323* | 50-440 S | MARTIN, T. T. | 8411060470 | 50-271 Q |
| MACDONALD, C. E. | 8411200248 | 71-510 | MANNING, H. A. | 8411120334* | 50-440 S | MARTIN, T. T. | 8411070050 | 50-309 F |
| MACDONALD, C. E. | 8411210146 | 71-391 | MANNING, H. A. | 8411120344* | 50-440 S | MARTIN, T. T. | 8411070110 | 50-410 Q |
| MACDONALD, C. E. | 8411210151 | 71-52 | MANNING, H. A. | 8411120353* | 50-440 S | MARTIN, T. T. | 8411080339 | 70-2815 |
| MACDONALD, C. E. | 8411210154* | 71-52 | MANDLY, K. A. | 8411030309* | 50-245 Q | MARTIN, T. T. | 8411090392 | 50-293 Q |
| MACDONALD, C. E. | 8411210161 | 71-58 | MANDLY, K. A. | 8411270218* | 50-352 Q | MARTIN, T. T. | 8411090499 | 50-423 Q |
| MACDONALD, C. E. | 8411210162* | 71-58 | MANDLY, K. A. | 8411290339* | 50-412 Q | MARTIN, T. T. | 8411090506 | 50-317 Q |
| MACDONALD, C. E. | 8411210186 | 71-345 | MARABITO, R. | 8411290659* | 50-373 Q | MARTIN, T. T. | 8411120063 | 50-352 Q |
| MACDONALD, C. E. | 8411210193* | 71-345 | MARGULIES, H. B. | 8411060616 | 50-424 Q | MARTIN, T. T. | 8411120085 | 50-213 Q |
| MACDONALD, C. E. | 8411210196 | 71-178 | MARK, D. I. | 8411190475 | 50-271 F | MARTIN, T. T. | 8411120104 | 50-247 Q |
| MACDONALD, C. E. | 8411210197 | 71-6 | MARKEY, E. J. | 8411130520* | PR | MARTIN, T. T. | 8411120164 | 50-322 Q |
| MACDONALD, C. E. | 8411210202* | 71-6 | MARKEY, E. J. | 8411140589* | COMMISSION | MARTIN, T. T. | 8411120190 | 70-2988 |
| MACDONALD, C. E. | 8411210204 | 71-317 | MARKEY, E. J. | 8411260007 | 50-289 U | MARTIN, T. T. | 8411120247 | 50-354 Q |
| MACDONALD, C. E. | 8411210211* | 71-317 | MARKT, D. | 8411140389 | 50-29 F | MARTIN, T. T. | 8411120303 | 50-317 Q |
| MACDONALD, C. E. | 8411210214 | 71-23 | MARKT, D. I. | 8411190425 | 50-271 F | MARTIN, T. T. | 8411130068 | 50-309 Q |
| MACDONALD, C. E. | 8411210216* | 71-23 | MARSHALL, B. W. | 8411130663 | NUREG | MARTIN, T. T. | 8411130110 | 50-219 Q |
| MACDONALD, C. E. | 8411210221 | 71-262 | MARSHALL, J. | 8411210002 | 50-445 A | MARTIN, T. T. | 8411130201 | 50-423 Q |
| MACDONALD, C. E. | 8411210226* | 71-262 | MARSHALL, J. S. | 8411210137 | 50-445 A | MARTIN, T. T. | 8411130225 | 50-289 Q |
| MACDONALD, C. E. | 8411210376 | 71-9193 | MARSHALL, R. | 8411200393* | 50-280 F | MARTIN, T. T. | 8411130239 | 50-277 Q |
| MACDONALD, C. E. | 8411210402 | 71-9183 | MARSHALL, R. | 8411200396* | 50-280 F | MARTIN, T. T. | 8411130575 | 50-352 Q |
| MACDONALD, C. E. | 8411210407* | 71-9183 | MARSHALL, R. | 8411200448* | 50-280 F | MARTIN, T. T. | 8411130585 | 50-271 Q |
| MACDONALD, C. E. | 8411260032 | 71-9027 | MARSHALL, W. R. | 8411260563* | 50-387 X | MARTIN, T. T. | 8411130601 | 50-57 Q |
| MACDONALD, C. E. | 8411260038* | 71-9027 | MARSHALL, W. R. | 8411270082* | 70-36 | MARTIN, T. T. | 8411130619 | 50-289 Q |
| MACDONALD, C. E. | 8411260078 | 71-9073 | MARSHALL, W. R. | 8411280386* | 50-259 X | MARTIN, T. T. | 8411140212 | 50-293 Q |
| MACDONALD, C. E. | 8411260088* | 71-9073 | MARSHALL, W. R. | 8411280590* | CONTRACT | MARTIN, T. T. | 8411140357 | 50-293 Q |
| MACDONALD, C. E. | 8411260097 | 71-9001 | MARSTON, R. | 8411070121* | PR | MARTIN, T. T. | 8411140460 | 50-213 Q |
| MACGE, E. M. | 8411130220 | 50-298 S | MARSTON, R. R. | 8411150331* | 50-335 Q | MARTIN, T. T. | 8411140600 | 50-410 Q |
| MACGE, H. | 8411060235 | CONTRACT | MARSTON, R. R. | 8411150342* | 50-250 Q | MARTIN, T. T. | 8411160033 | 50-277 Q |
| MADDEN, P. M. | 8411150230* | 50-321 Q | MARTIN, D. E. | 8411090002 | WASTE MGT | MARTIN, T. T. | 8411160044 | 50-352 Q |
| MADDEN, W. J. | 8411130587* | 50-271 Q | MARTIN, G. E. | 8411140505 | XPORTLIC | MARTIN, T. T. | 8411160066 | 50-272 Q |

PERSONAL AUTHOR INDEX

471

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|
| MARTIN, T. T. | 8411160075 | 50-410 G | MCCABE, E. C. | 8411200220 | 50-336 S | MERCER, J. W. | 8411060074 | WASTE RES |
| MARTIN, T. T. | 8411160143 | 50-352 G | MCCABE, E. C. | 8411260329* | 70-820 J | MERCER, J. W. | 8411060172 | WASTE RES |
| MARTIN, T. T. | 8411160190 | 50-387 G | MCCLESKEY, K. E. | 8411020063 | 50-322 G | MERCER, J. W. | 8411080468* | WASTE RES |
| MARTIN, T. T. | 8411160269 | 50-247 G | MCCOOL, W. B. | 8411290344* | FDIA | MERCER, J. W. | 8411080575 | WASTE RES |
| MARTIN, T. T. | 8411160284 | 50-322 G | MCCORMICK-BARGO | 8411060534* | 50-454 G | MERCER, J. W. | 8411080600 | WASTE RES |
| MARTIN, T. T. | 8411160289 | 50-334 G | MCCRACKEN, K. W. | 8411260399 | 50-348 F | MERCER, J. W. | 8411090143 | WASTE RES |
| MARTIN, T. T. | 8411160326 | 50-220 G | MCCRIGHT, R. D. | 8411080054* | WASTE RES | MERRITT, G. A. | 8411200393* | 50-280 F |
| MARTIN, T. T. | 8411160383 | 50-352 G | MCCULLOCH, W. H. | 8411160085 | NUREG | MERRITT, S. | 8411010374 | 50-10 S |
| MARTIN, T. T. | 8411190371 | 50-293 G | MCDIARMID, R. C. | 8411150290 | 50-275 G | MERRITT, S. | 8411120117 | 50-237 S |
| MARTIN, T. T. | 8411200074 | 50-213 G | MCDIARMID, R. C. | 8411150290 | 50-275 G | MERRITT, S. | 8411160337 | 50-237 S |
| MARTIN, T. T. | 8411200127 | 50-213 G | MCDONALD, D. G. | 8411060264 | 50-250 P | MERRIWEATHER, N. | 8411080309* | 50-400 G |
| MARTIN, T. T. | 8411200136 | 50-247 G | MCDONALD, R. P. | 8411120250 | 50-348 P | MERRIWEATHER, N. | 8411140101* | 50-424 G |
| MARTIN, T. T. | 8411200152 | 50-293 G | MCDONALD, R. P. | 8411140044 | 50-348 P | MERSCHOFF, E. | 8411070043 | QA999 |
| MARTIN, T. T. | 8411200296 | XPORTRIC | MCDONALD, R. P. | 8411150261* | 50-348 G | MERSCHOFF, E. W. | 8411010030* | QA999 |
| MARTIN, T. T. | 8411210292 | 50-388 G | MCDONALD, R. P. | 8411160414 | 50-348 S | MERSCHOFF, E. W. | 8411290658* | QA999 |
| MARTIN, T. T. | 8411210321 | 50-354 G | MCDONALD, R. P. | 8411200121 | 50-348 F | MESERVE, R. A. | 8411190239 | 40-2061 |
| MARTIN, T. T. | 8411210390 | 50-388 G | MCDONALD, R. P. | 8411260385 | 50-348 F | MESERVE, R. A. | 8411190239 | 40-2061 |
| MARTIN, T. T. | 8411210458 | 50-334 G | MCDONALD, R. P. | 8411280050 | 50-348 R | MESERVE, R. A. | 8411190245* | 40-2061 |
| MARTIN, T. T. | 8411260148 | 50-289 T | MCDONALD, G. E. | 8411290214* | FDIA | MESERVE, R. A. | 8411190245* | 40-2061 |
| MARTIN, T. T. | 8411260289 | 50-271 G | MCELROY, W. N. | 8411280530 | RES | MESSENGER, G. H. | 8411210080* | COMMISSION |
| MARTIN, T. T. | 8411270107 | 50-272 G | MCFADDEN, J. | 8411140186 | I&E | MEYER, G. W. | 8411020146* | 50-271 G |
| MARTIN, T. T. | 8411270182 | 50-412 G | MCGARRY, J. M. | 8411130589 | 50-413 T | MEYER, D. R. | 8411130734 | NUREG |
| MARTIN, T. T. | 8411270214 | 50-352 G | MCGARRY, J. P. | 8411280358 | 50-416 R | MEYER, R. E. | 8411080299* | WASTE RES |
| MARTIN, T. T. | 8411270410 | 50-334 G | MCGAUGHY, J. P. | 8411280358 | 50-416 R | MEYER, R. E. | 8411080444 | WASTE RES |
| MARTIN, T. T. | 8411280529 | 50-219 G | MCGAUGHY, R. W. | 8411050438 | 50-331 P | MEYER, T. A. | 8411190262 | 50-244 S |
| MARTIN, T. T. | 8411280564 | 50-423 G | MCGAUGHY, R. W. | 8411070115 | 50-331 F | MEYER, T. A. | 8411200379* | 50-255 P |
| MARTIN, T. T. | 8411280602 | 50-277 G | MCGAUGHY, R. W. | 8411120241 | 50-331 R | MEYER, T. A. | 8411270033 | 50-244 S |
| MARTIN, T. T. | 8411290119 | 50-272 G | MCGAUGHY, R. W. | 8411160189 | 50-331 P | MIFFLIN, M. D. | 8411080109 | WASTE RES |
| MARTIN, T. T. | 8411290120 | 50-286 G | MCGAUGHY, R. W. | 8411260024 | 50-331 F | MIFFLIN, M. D. | 8411060001 | WASTE RES |
| MARTIN, T. T. | 8411290363 | 50-412 G | MCGAUGHY, R. W. | 8411260344 | 50-331 G | MIFFLIN, M. D. | 8411060012 | WASTE RES |
| MARTIN, T. T. | 8411290429 | 50-352 G | MCGOVERN, J. J. | 8411050290 | PR | MIFFLIN, M. D. | 8411060031 | WASTE RES |
| MARTIN, T. T. | 8411290451 | 50-309 G | MCGOWAN, J. | 8411120145 | 50-348 F | MIFFLIN, M. D. | 8411080072 | WASTE RES |
| MARTIN, T. T. | 8411290517 | 50-219 G | MCGOWAN, J. W. | 8411070146 | 50-348 F | MILES, B. C. | 8411270256 | 70-1308 |
| MARTIN, T. T. | 8411290533 | 50-412 G | MCGOWAN, J. W. | 8411120159 | 50-348 F | MILETTI, D. S. | 8411060501* | 50-400 G |
| MARTIN, T. T. | 8411290552 | 50-423 G | MCGOWAN, J. W. | 8411120179 | 50-348 F | MILETTI, D. S. | 8411060501* | 50-400 G |
| MARTIN, T. T. | 8411290606 | 50-289 G | MCGOWAN, J. W. | 8411140195 | 50-348 F | MILETTI, D. S. | 8411060501* | 50-400 G |
| MARTIN, T. T. | 8411290566 | 50-334 F | MCGRATH, R. | 8411210362 | 50-309 S | MILHOAN, J. L. | 8411190196* | 50-461 G |
| MARTIN, T. T. | 8411200302* | XPORTRIC | MCGUIRE, D. R. | 8411160014* | 70-27 | MILLER, D. E. | 8411060276* | 50-155 G |
| MARTINEZ, E. D. | 8411080506 | WASTE MGT | MCGUIRE, D. R. | 8411200020* | 50-259 G | MILLER, D. E. | 8411070289* | 50-461 G |
| MARTINSON, Z. R. | 8411130557 | NUREG | MCGUIRE, D. R. | 8411260368* | 50-269 G | MILLER, D. E. | 8411130656* | 50-30 G |
| MASCIANTONIO, A. | 8411260085* | 50-400 G | MCGUIRE, D. R. | 8411280160* | 50-302 G | MILLER, D. E. | 8411190365* | 50-346 G |
| MAST, P. K. | 8411290576 | NUREG | MCGUIRE, F. L. | 8411070041 | PR | MILLER, D. W. | 8411050327 | PR |
| MASTERTON, V. | 8411060322 | 50-373 S | MCGURRIN, H. J. | 8411060300 | 50-352 G | MILLER, F. R. | 8411200045 | 50-346 S |
| MASTERTON, V. | 8411260042 | 50-373 S | MCGURRIN, H. J. | 8411200324 | 50-338 G | MILLER, G. E. | 8411050257 | 50-326 F |
| MATHESON, S. | 8411090085 | WASTE MGT | MCKENNA, E. | 8411120242 | 50-206 P | MILLER, G. E. | 8411050264* | 50-326 F |
| MATHESON, S. M. | 8411160203 | PRM | MCKENNEY, R. | 8411290373* | 50-445 G | MILLER, G. E. | 8411050268* | 50-326 F |
| MATHIAS, A. D. | 8411010227 | 50-263 F | MCKIBBEN, J. C. | 8411140396 | 50-458 G | MILLER, H. J. | 8411090180 | WASTE MGT |
| MATHIS, J. L. | 8411140265* | 50-395 G | MCKIBBEN, J. C. | 8411210001 | 50-186 F | MILLER, H. J. | 8411270429 | WASTE MGT |
| MATTHEWS, T. P. | 8411260138 | 50-285 R | MCKILVEEN, J. W. | 8411160604 | 40-8752 | MILLER, H. J. | 8411290661 | WASTE MGT |
| MATTIA, M. J. | 8411010195* | CONTRACT | MCKILVEEN, J. W. | 8411190021 | 40-8752 | MILLER, J. R. | 8411030369 | 50-344 V |
| MATTSON, R. J. | 8307140078* | FDIA | MCLAUGHLIN, S. | 8411070176 | PR | MILLER, J. R. | 8411120068 | 50-266 P |
| MATTSON, R. J. | 8307140084* | FDIA | MCLAUGHLIN, S. D. | 8411260119 | NUREG | MILLER, J. R. | 8411130568 | 50-266 P |
| MATTSON, R. J. | 8411290192* | FDIA | MCLELLAN, T. K. | 8411050077* | 50-458 G | MILLER, J. R. | 8411130713 | 50-317 F |
| MATTSON, R. J. | 8411290200* | FDIA | MCLAUGHLIN, D. | 8411010114* | 50-416 F | MILLER, J. R. | 8411130739 | 50-313 P |
| MATTSON, R. J. | 8411290299* | FDIA | MCMILLEN, J. I. | 8411010295* | 50-315 G | MILLER, J. R. | 8411130740* | 50-313 P |
| MATTSON, R. J. | 8411290309* | FDIA | MCMILLEN, J. I. | 8411140450 | 50-244 R | MILLER, J. R. | 8411140027 | 50-317 P |
| MATTSON, R. J. | 8411290350* | FDIA | MCMILL, W. M. | 8411050077* | 50-458 G | MILLER, J. R. | 8411140078 | 50-309 P |
| MATTSON, R. J. | 8411290393* | FDIA | MCMILL, C. A. | 8411060362 | 50-333 S | MILLER, J. R. | 8411140089* | 50-344 F |
| MATTSON, R. J. | 8411290577* | FDIA | MCVEY, E. A. | 8411290287 | 50-373 S | MILLER, J. R. | 8411140289 | 50-309 G |
| MATTSON, R. J. | 8411290583* | FDIA | MEDFORD, M. O. | 8411070008 | 50-206 F | MILLER, J. R. | 8411140313 | 50-309 P |
| MATTSON, R. J. | 8411290598* | FDIA | MEDFORD, M. O. | 8411070104 | 50-206 P | MILLER, J. R. | 8411140386 | 50-213 P |
| MATTSON, R. J. | 8411290604* | FDIA | MEDFORD, M. O. | 8411070144 | 50-206 P | MILLER, J. R. | 8411140391 | 50-318 F |
| MAUCK, J. L. | 8411160018* | 50-322 G | MEDFORD, M. O. | 8411070227 | 50-206 P | MILLER, J. R. | 8411140395 | 50-285 P |
| MAUCK, J. L. | 8411190015* | 50-322 G | MEDFORD, M. O. | 8411090195 | 50-206 G | MILLER, J. R. | 8411140438* | 50-344 P |
| MAUPIN, M. W. | 8411060602 | 50-338 G | MEDFORD, M. O. | 8411120251 | 50-361 P | MILLER, J. R. | 8411140467* | 50-389 P |
| MAUPIN, M. W. | 8411210411 | 50-338 G | MEDFORD, M. O. | 8411140180 | 50-361 P | MILLER, J. R. | 8411140552 | 50-282 P |
| MAXWELL, D. C. | 8411200018 | 50-10 R | MEDFORD, M. O. | 8411140241 | 50-361 P | MILLER, J. R. | 8411140599* | 50-389 P |
| MAXWELL, G. F. | 8411140083* | 50-400 G | MEDFORD, M. O. | 8411140378 | 50-206 P | MILLER, J. R. | 8411150117 | 50-338 G |
| MAY, E. L. | 8411190118 | 50-29 S | MEDFORD, M. O. | 8411160331 | 50-361 F | MILLER, J. R. | 8411150180 | 50-266 P |
| MAYER, L. O. | 8411290447* | 50-263 P | MEDFORD, M. O. | 8411190327 | 50-206 G | MILLER, J. R. | 8411150185* | 50-266 P |
| MAYER, L. O. | 8411290470* | 50-263 P | MEDFORD, M. O. | 8411190429 | 50-361 P | MILLER, J. R. | 8411150204 | 50-335 P |
| MAYINGER, F. | 8411270054* | MISC | MEDFORD, M. O. | 8411200329 | 50-206 F | MILLER, J. R. | 8411150324 | 50-285 P |
| MAYNEATHER, L. I. | 8411150215 | 50-206 R | MEDFORD, M. O. | 8411200339* | 50-206 F | MILLER, J. R. | 8411150329 | 50-339 P |
| MAYNEATHER, L. I. | 8411150239* | 50-261 R | MEDFORD, M. O. | 8411210258 | 50-206 P | MILLER, J. R. | 8411150345 | 50-309 P |
| MAYNEATHER, L. I. | 8411150239* | 50-261 R | MEDFORD, M. O. | 8411210384 | 50-206 P | MILLER, J. R. | 8411160106* | 50-282 P |
| MALPINE, E. J. | 8411130558* | 70-1201 | MEDFORD, M. O. | 8411260214 | 50-206 P | MILLER, J. R. | 8411160188* | 50-339 P |
| MALPINE, E. J. | 8411130635* | 70-824 | MEDFORD, M. O. | 8411260418 | 50-206 P | MILLER, J. R. | 8411160464* | 50-285 P |
| MARTHUR, D. A. | 8411290576 | NUREG | MENITA, H. S. | 8411160343* | 50-293 P | MILLER, J. R. | 8411200107 | 50-266 P |
| MCBAY, M. G. | 8411130602 | 50-321 R | MELLEN, L. S. | 8411140171* | 50-338 G | MILLER, J. R. | 8411200123 | 50-344 F |
| MCBREARY, R. A. | 8411130208* | 50-423 G | MELLOR, K. J. | 8411200319 | 50-312 P | MILLER, J. R. | 8411200146 | 50-266 P |
| MCBREARY, R. A. | 8411200160* | 50-293 G | MELROSE, T. G. | 8411190166 | 40-8781 | MILLER, J. R. | 8411200420 | 50-285 P |
| MCBRIDE, M. | 8411270335* | 50-293 G | MENDEZ, R. | 8411060082* | 50-456 G | MILLER, J. R. | 8411200435 | 50-335 P |
| MCBRIDE, M. | 8411290523* | 50-293 G | MENDEZ, R. | 8411130197* | 50-454 G | MILLER, J. R. | 8411200459* | 50-344 P |
| MCCABE, E. C. | 8411030309* | 50-245 G | MENDONCA, M. M. | 8411030346* | 50-275 G | MILLER, J. R. | 8411200492 | 50-338 P |
| MCCABE, E. C. | 8411050469* | 70-135 | MENTER, L. | 8411160378 | XPORTRIC | MILLER, J. R. | 8411210239 | 50-368 F |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|------------------|
| MILLER, J. R. | 8411280389 | 50-389 P | MILTENBERGER, S. | 8411090206 | 50-483 S | MOSELEY, N. C. | 8411060371* | 50-289 T |
| MILLER, J. R. | 8411280395* | 50-389 P | MILTENBERGER, S. | 8411140211 | 50-483 S | MOSER, M. M. | 8411290144* | 50-409 G |
| MILLER, L. | 8411060514* | 50-528 G | MILTENBERGER, S. | 8411150060 | 50-483 F | MOSLAK, T. | 8411120082* | 50-320 G |
| MILLER, L. | 8411160412* | 50-528 G | MILTENBERGER, S. | 8411190336 | 50-483 R | MOSLAK, T. A. | 8411130338* | 50-320 G |
| MILLER, L. | 8411160415* | 50-528 G | MILTENBERGER, S. | 8411160032 | 50-483 S | MOSLAK, T. A. | 8411010623* | 50-289 P |
| MILLER, L. | 8411200046* | 50-312 G | MILTENBERGER, S. | 8411160050 | 50-483 S | MOST, N. | 8411160212 | PR |
| MILLER, L. | 8411200051* | 50-312 G | MILTENBERGER, S. | 8411190088 | 50-483 S | MOST, R. | 8411150032 | PR |
| MILLER, L. F. | 8411030363* | 50-312 G | MILTENBERGER, S. | 8411190227 | 50-483 S | MOTES, B. G. | 8411130669 | NUREG |
| MILLER, L. F. | 8411030375* | 50-312 G | MILTENBERGER, S. | 8411190588 | 50-483 S | MOWRY, W. R. | 8411260291 | XPORTLIC |
| MILLER, L. F. | 8411190094* | 50-528 G | MILTENBERGER, S. | 8411190590 | 50-483 S | MROCKA, E. J. | 8411190189 | 50-336 R |
| MILLER, M. A. | 8411060244 | 50-424 A | MILTENBERGER, S. | 8411200036 | 50-483 R | MROCKA, E. J. | 8411150189 | 50-336 R |
| MILLER, M. A. | 8411090029 | 50-424 A | MILTENBERGER, S. | 8411260446 | 50-483 S | MROCKA, E. J. | 8411190093 | 50-245 S |
| MILLER, M. A. | 8411140167 | 50-424 A | MILTENBERGER, S. | 8411280413 | 50-483 S | MROCKA, E. J. | 8411190093 | 50-245 S |
| MILLER, M. A. | 8411210333 | 50-424 A | MILTENBERGER, S. | 8411290017 | 50-483 S | MROCKA, E. J. | 8411190200 | 50-336 S |
| MILLER, M. A. | 8411260279 | 50-424 A | MIMS, R. | 8411020090* | CONTRACT | MROCKA, E. J. | 8411190200 | 50-336 S |
| MILLER, M. A. | 8411280452 | 50-424 A | MINECK, D. L. | 8411060219 | 50-331 S | MROCKA, E. J. | 8411190208 | 50-245 S |
| MILLER, M. E. | 8411270378 | 50-354 G | MINECK, D. L. | 8411120050 | 50-331 S | MROCKA, E. J. | 8411190208 | 50-245 S |
| MILLER, M. I. | 8411090537 | 50-454 G | MINECK, D. L. | 8411260127 | 50-331 R | MROCKA, E. J. | 8411290116 | 50-336 S |
| MILLER, M. I. | 8411060537 | 50-454 G | MINECK, D. L. | 8411270179 | 50-331 S | MROCKA, E. J. | 8411290116 | 50-336 S |
| MILLER, M. I. | 8411270333 | 50-454 G | MINER, R. A. | 8411270367 | 50-352 H | MUDD, C. H. | 8411070146 | 50-348 F |
| MILLER, M. I. | 8411270333 | 50-454 G | MINER, S. | 8411120105 | 50-312 P | MUDD, C. H. | 8411120145 | 50-348 F |
| MILLER, M. T. | 8411160335* | 50-220 G | MINER, S. | 8411140025 | 50-312 S | MUDD, C. H. | 8411120159 | 50-348 F |
| MILLER, V. | 8208030640* | FOIA | MINER, S. | 8411260608 | 50-312 P | MUDD, C. H. | 8411120179 | 50-348 F |
| MILLER, V. L. | 8411190443* | FOIA | MINICHIELLO, J. | 8411070061* | 50-445 A | MUDD, C. H. | 8411120261 | 50-348 F |
| MILLER, W. H. | 8411160022* | 50-259 G | MINICHIELLO, J. | 8411070063* | 50-445 A | MUDD, C. H. | 8411140195 | 50-348 F |
| MILLER, W. D. | 8411010199 | 50-247 F | MINICHIELLO, J. | 8411070078* | 50-445 A | MUDD, C. H. | 8411260399 | 50-348 F |
| MILLER, W. D. | 8411090189 | 50-369 P | MINOQUE, R. B. | 8411010390 | REVIEW GRP | MUDD, C. H. | 8411260403 | 50-348 F |
| MILLER, W. D. | 8411090396 | 50-373 P | MINOQUE, R. B. | 8411050202* | REVIEW GRP | MUELLER, G. | 8411030247 | PR |
| MILLER, W. D. | 8411140317 | 50-255 P | MINOQUE, R. B. | 8411050218* | REVIEW GRP | MUELLER, R. J. | 8411030713 | 50-285 S |
| MILLER, W. D. | 8411190463* | FOIA | MINOR, E. E. | 8411130737 | NUREG | MULLER, R. U. | 8411160209 | 50-62 S |
| MILLS, L. M. | 8411010075 | 50-260 P | MIRAQLIA, F. J. | 8411280157* | 50-271 F | MULLIKIN, R. | 8411190458* | 50-482 G |
| MILLS, L. M. | 8411010077 | 50-390 S | MIRAQLIA, F. J. | 8411290063* | 50-263 P | MULLIKIN, R. P. | 8411130497* | 50-482 G |
| MILLS, L. M. | 8411010094 | 50-390 S | MISSIO, D. E. | 8411030716 | 50-346 S | MUNRO, J. J. | 8411130304 | 71-9006 |
| MILLS, L. M. | 8411010196 | 50-390 S | MISSIO, D. E. | 8411260011 | 50-346 S | MUNRO, J. J. | 8411130384 | 71-9027 |
| MILLS, L. M. | 8411010316 | 50-390 S | MITTL, R. L. | 8411010327 | 50-354 A | MUNRO, J. J. | 8411130545 | 71-9137 |
| MILLS, L. M. | 8411020186 | 50-327 F | MITTL, R. L. | 8411070092 | 50-354 A | MUNRO, J. J. | 8411130549 | 71-9035 |
| MILLS, L. M. | 8411020256 | 50-327 F | MITTL, R. L. | 8411090102 | 50-354 A | MURPHY, W. P. | 8411260179 | 50-271 P |
| MILLS, L. M. | 8411020310 | 50-259 P | MITTL, R. L. | 8411140252 | 50-354 A | MURPHY, T. E. | 8411260247 | 50-289 P |
| MILLS, L. M. | 8411020409 | 50-259 P | MITTL, R. L. | 8411160350 | 50-354 F | MURLEY, T. E. | 8411120248 | 50-387 G |
| MILLS, L. M. | 8411030288 | 50-259 F | MITTL, R. L. | 8411190390 | 50-354 K | MURLEY, T. E. | 8411120260 | 50-352 G |
| MILLS, L. M. | 8411050352 | 50-259 F | MITTL, R. L. | 8411260285 | 50-354 A | MURLEY, T. E. | 8411120355 | 50-277 G |
| MILLS, L. M. | 8411050414 | 50-390 A | MIZUND, G. S. | 8411010501 | 50-445 G | MURLEY, T. E. | 8411130031 | 50-354 G |
| MILLS, L. M. | 8411060080 | 50-327 P | MIZUND, G. S. | 8411060395 | 50-445 G | MURLEY, T. E. | 8411140039 | 50-293 F |
| MILLS, L. M. | 8411060129 | 50-390 A | MIZUND, G. S. | 8411060400* | 50-445 G | MURLEY, T. E. | 8411160222 | 50-352 F |
| MILLS, L. M. | 8411060166 | 50-327 P | MIZUND, G. S. | 8411060451 | 50-445 G | MURLEY, T. E. | 8411210079 | 50-5 F |
| MILLS, L. M. | 8411060223 | 50-259 P | MIZUND, G. S. | 8411070016 | 50-445 G | MURLEY, T. E. | 8411260075 | 50-289 G |
| MILLS, L. M. | 8411060321 | 50-327 F | MIZUND, G. S. | 8411070018 | 50-445 G | MURLEY, T. E. | 8411260194 | 50-289 P |
| MILLS, L. M. | 8411080027 | 50-390 G | MIZUND, G. S. | 8411070038* | 50-445 G | MURLEY, T. E. | 8411260210 | 50-289 P |
| MILLS, L. M. | 8411080261 | 50-327 G | MIZUND, G. S. | 8411070060* | 50-445 G | MURLEY, T. E. | 8411260218 | 50-289 P |
| MILLS, L. M. | 8411080283 | 50-327 G | MIZUND, G. S. | 8411070070 | 50-445 G | MURLEY, T. E. | 8411260251 | 50-289 G |
| MILLS, L. M. | 8411080328* | 50-438 G | MIZUND, G. S. | 8411190277 | 50-445 G | MURLEY, T. E. | 8411260264 | 50-289 G |
| MILLS, L. M. | 8411080340* | 50-438 G | MIZUND, G. S. | 8411260098 | 50-445 G | MURLEY, T. E. | 8411270012 | 50-410 G |
| MILLS, L. M. | 8411130569* | 50-259 G | MOSES, M. C. | 8411130391 | PR | MURLEY, T. E. | 8411270452 | 50-289 G |
| MILLS, L. M. | 8411140301* | 50-390 G | MOERSFELDER, A. | 8411070078* | 50-445 A | MURPHY, M. | 8411190458* | 50-482 G |
| MILLS, L. M. | 8411190094* | 50-327 G | MONTGOMERY, D. | 8411140598* | 50-413 G | MURPHY, M. E. | 8411070119* | 50-382 G |
| MILLS, L. M. | 8411160013* | 50-259 G | MONTGOMERY, D. M. | 8411140144* | 50-324 G | MURPHY, V. J. | 8411080612 | WASTE RES |
| MILLS, L. M. | 8411160079 | 50-438 S | MONTGOMERY, J. L. | 8411120192* | 50-267 G | MURPHY, V. J. | 8411090173 | WASTE RES |
| MILLS, L. M. | 8411160092 | 50-438 S | MONTGOMERY, J. L. | 8411130491* | 50-445 G | MURPHY, V. J. | 8411090192 | WASTE RES |
| MILLS, L. M. | 8411160100 | 50-438 S | MONTGOMERY, J. L. | 8411260184 | 70-1257 | MURPHY, W. P. | 8411010392 | 50-271 G |
| MILLS, L. M. | 8411160162 | 50-259 P | MOON, C. W. | 8411160595 | 50-454 P | MURPHY, W. P. | 8411020052 | 50-271 P |
| MILLS, L. M. | 8411160180 | 50-391 S | MOON, J. | 8411290321 | 50-315 P | MURPHY, W. P. | 8411060111 | 50-271 F |
| MILLS, L. M. | 8411160205 | 50-438 S | MOORE, J. E. | 8411200176 | 50-400 G | MURPHY, W. P. | 8411090353 | 50-271 P |
| MILLS, L. M. | 8411160211 | 50-390 S | MOORE, J. E. | 8411260074 | 50-400 G | MURPHY, W. P. | 8411140081* | 50-271 G |
| MILLS, L. M. | 8411160322 | 50-438 S | MOORE, J. E. | 8411270384 | 50-400 G | MURPHY, W. P. | 8411150018 | 50-271 P |
| MILLS, L. M. | 8411160422 | 50-438 S | MOORE, J. E. | 8411290311 | 50-400 G | MURPHY, W. P. | 8411190037 | 50-271 P |
| MILLS, L. M. | 8411160627 | 50-438 S | MOORE, J. S. | 8411070154* | TOPREP | MURPHY, W. P. | 8411160309 | 50-271 F |
| MILLS, L. M. | 8411190005 | 50-438 S | MOORE, R. D. | 8411190243 | 50-373 F | MURPHY, W. P. | 8411200303 | 50-271 G |
| MILLS, L. M. | 8411190058 | 50-390 S | MOORE, R. D. | 8411190483 | 50-456 F | MURPHY, W. P. | 8411280010 | 50-271 R |
| MILLS, L. M. | 8411190100 | 40-1341 | MORAN, D. H. | 8411160548 | TOPREP | MURRAY, B. | 8411120051* | 50-382 G |
| MILLS, L. M. | 8411190120 | 50-390 S | MORGAN, R. E. | 8411060142 | 50-261 F | MURRAY, B. | 8411280220* | 50-482 G |
| MILLS, L. M. | 8411190125 | 50-390 S | MORGAN, R. E. | 8411140525* | 50-261 G | MURRAY, T. D. | 8411120284* | 50-346 P |
| MILLS, L. M. | 8411190135 | 50-390 S | MORGAN, R. E. | 8411140531* | 50-261 G | MUSOLF, D. | 8411010239 | 50-282 P |
| MILLS, L. M. | 8411200168 | 50-438 S | MORGAN, R. E. | 8411200027 | 50-261 R | MUSOLF, D. | 8411010380 | 50-282 P |
| MILLS, L. M. | 8411200467 | 50-438 S | MORGAN, R. E. | 8411200397 | 50-261 S | MUSOLF, D. | 8411120127 | 50-306 S |
| MILLS, L. M. | 8411200474 | 50-438 S | MORGAN, R. E. | 8411260359 | 50-261 F | MUSOLF, D. | 8411130489 | 50-282 S |
| MILLS, L. M. | 8411200482 | 50-390 S | MORIARTY, J. M. | 8411060175 | 50-354 S | MUSOLF, D. | 8411140318 | 50-263 R |
| MILLS, L. M. | 8411210085 | 50-438 S | MORLETTE, P. R. | 8411260221 | 50-601 A | MUSOLF, D. | 8411140325 | 50-282 R |
| MILLS, L. M. | 8411210094 | 50-438 S | MORISSEAU, D. S. | 8411200103 | 50-289 T | MUSOLF, D. | 8411160306 | 50-263 P |
| MILLS, L. M. | 8411210274 | 50-390 S | MORLEY, J. A. | 8411090014 | WASTE MGT | MUSOLF, D. | 8411160308* | 50-263 P |
| MILLS, M. T. | 8411050076 | WASTE RES | MORLEY, J. A. | 8411090171 | WASTE MGT | MUSOLF, D. | 8411160312 | 50-263 P |
| MILLS, M. T. | 8411080463 | WASTE RES | MORTON, D. K. | 8411270383* | 50-206 P | MUSOLF, D. | 8411190191 | 50-263 S |
| MILLS, M. T. | 8411090301 | WASTE RES | MORTON, K. L. | 8411140073 | 50-313 R | MUSOLF, D. | 8411190207 | 50-263 S |
| MILTENBERGER, R. | 8411210464* | 50-334 G | MORTON, K. V. | 8411080502* | CONTRACT | MUSOLF, D. | 8411200031 | 50-263 R |
| MILTENBERGER, S. | 8411030634 | 50-483 S | MORTON, K. V. | 8411140606 | CONTRACT | MYERS, C. J. | 8411200051* | 50-312 G |
| MILTENBERGER, S. | 8411060569 | 50-483 S | MORTON, K. V. | 8411160535* | CONTRACT | MYRABO, A. L. | 8411140318 | 50-263 R |

PERSONAL AUTHOR INDEX

473

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|
| HYRABO, A. L. | 8411200031 | 50-263 R | NIX, H. C. | 8411160001 | 50-366 S | O'REILLY, J. P. | 8411140422 | 50-259 G |
| NAKAMURA, N. | 8411140123 | XPORTLIC | NIX, H. C. | 8411160005 | 50-366 S | O'REILLY, J. P. | 8411140478 | 50-250 G |
| NAKAMURA, N. | 8411140152 | XPORTLIC | NIX, H. C. | 8411160068 | 50-321 S | O'REILLY, J. P. | 8411140512 | 50-321 V |
| NAPUDA, G. | 8411030200* | 50-277 G | NIX, H. C. | 8411160109 | 50-366 S | O'REILLY, J. P. | 8411140564 | 50-62 P |
| NAPUDA, G. | 8411130083* | 50-309 G | NIX, H. C. | 8411160126 | 50-321 S | O'REILLY, J. P. | 8411150063 | 50-327 G |
| NAPUDA, G. | 8411260292* | 50-271 G | NIX, H. C. | 8411200384 | 50-321 S | O'REILLY, J. P. | 8411150073* | 50-327 G |
| NARDI, A. J. | 8411070052 | 50-87 P | NIX, H. C. | 8411210082 | 50-321 S | O'REILLY, J. P. | 8411150238 | 50-393 G |
| NARDI, A. J. | 8411130413 | PR | NIX, H. C. | 8411210481 | 50-321 S | O'REILLY, J. P. | 8411150313 | 50-259 S |
| NARDI, A. J. | 8411190364 | 50-87 P | NIX, H. C. | 8411260481 | 50-366 S | O'TOOLE, J. D. | 8411010324 | 50-247 G |
| NARDI, A. J. | 8411210159 | 70-1151 | NIX, H. C. | 8411290597 | 50-366 S | O'TOOLE, J. D. | 8411010540 | 50-3 F |
| NARROW, L. | 8411120265* | 50-354 G | NOONAN, V. S. | 8411030145 | 50-445 A | O'TOOLE, J. D. | 8411020217 | 50-247 P |
| NARROW, L. | 8411130245* | 50-277 G | NOONAN, V. S. | 8411070023* | 50-445 G | O'TOOLE, J. D. | 8411030199 | 50-247 P |
| NARROW, L. | 8411280570* | 50-423 G | NOONAN, V. S. | 8411130151 | 50-445 A | O'TOOLE, J. D. | 8411060156 | 50-247 S |
| NASH, B. | 8411060195 | 50-289 F | NOONAN, V. S. | 8411200362 | 50-445 A | O'TOOLE, J. D. | 8411060178 | 50-247 P |
| NASLUND, C. D. | 8411030634 | 50-483 S | NOONAN, V. S. | 8411260232 | 50-445 A | O'TOOLE, J. D. | 8411070341 | 50-247 S |
| NASLUND, C. D. | 8411060569 | 50-483 S | NOONAN, V. S. | 8411290392* | 50-445 G | O'TOOLE, J. D. | 8411120215 | 50-247 F |
| NASLUND, C. D. | 8411140211 | 50-483 S | NORBERG, R. | 8411060314 | QA999 | O'TOOLE, J. D. | 8411140608 | 50-247 R |
| NASLUND, C. D. | 8411160032 | 50-483 S | NORELIUS, C. E. | 8411010100 | 50-329 A | O'TOOLE, J. D. | 8411150028 | 50-247 F |
| NASLUND, C. D. | 8411160050 | 50-483 S | NORELIUS, C. E. | 8411010436 | 50-245 G | O'TOOLE, J. D. | 8411190151 | 50-247 G |
| NASLUND, C. D. | 8411190227 | 50-483 S | NORELIUS, C. E. | 8411060257 | 50-456 A | O'TOOLE, J. D. | 8411200385 | 50-247 S |
| NASSIKAS, J. N. | 8411010585 | 50-289 G | NORELIUS, C. E. | 8411090049 | 50-461 A | O'TOOLE, J. D. | 8411260015 | 50-3 F |
| NASSIKAS, J. N. | 8411010585 | 50-289 G | NORELIUS, C. E. | 8411120123 | 50-331 G | O'TOOLE, J. D. | 8411270540 | 50-247 S |
| NATARAJA, M. S. | 8411080511 | WASTE RES | NORELIUS, C. E. | 8411120146 | 50-456 G | O'TOOLE, J. D. | 8411280025 | 50-247 P |
| NEFF, J. D. | 8411030467 | WASTE MGT | NORELIUS, C. E. | 8411130238 | 50-10 Q | OGEAARDEN, R. H. | 8411010446 | 71-5874 |
| NEFF, J. D. | 8411090017 | WASTE MGT | NORELIUS, C. E. | 8411130335 | 50-456 G | OESTMANN, M. J. | 8411160166* | 50-373 G |
| NEIGHBORS, J. D. | 8411070278 | 50-280 P | NORELIUS, C. E. | 8411260530* | 50-456 G | OESTMANN, M. J. | 8411290394* | 50-255 G |
| NEIGHBORS, J. D. | 8411090080 | 50-3 P | NORELIUS, C. E. | 8411260538* | 50-456 G | OGDEN, L. J. | 8411200321 | PR |
| NEIGHBORS, J. D. | 8411090427 | 50-280 P | NORELIUS, C. E. | 8411280608* | 50-461 G | OGEKA, G. J. | 8411290205* | FOIA |
| NEIGHBORS, J. D. | 8411150126 | 50-280 F | NORELIUS, C. E. | 8411290094 | 50-461 A | OGEKA, G. J. | 8411290296* | FOIA |
| NEIGHBORS, J. D. | 8411280479 | 50-286 P | NORELIUS, C. E. | 8411290369 | 50-373 G | OGEKA, G. J. | 8411290299* | FOIA |
| NELSON, G. W. | 8411270427 | 50-113 F | NORRHOLOM, L. | 8411090459* | 50-286 G | OGEKA, G. J. | 8411290332* | FOIA |
| NELSON, G. W. | 8411270430* | 50-113 F | NORRHOLOM, L. | 8411140385* | 50-286 G | OGEKA, G. J. | 8411290340* | FOIA |
| NELSON, M. A. | 8411060195 | 50-289 F | NORRHOLOM, L. | 8411160210 | 50-272 S | OGEKA, G. J. | 8411290350* | FOIA |
| NEMETHY, E. | 8411280243 | PRM | NORRHOLOM, L. J. | 8411070147* | 50-272 G | OGLE, K. M. | 8411200469 | 40-8783 |
| NERON, G. | 8411150189 | 50-336 R | NORRHOLOM, L. J. | 84111200286* | 50-272 G | OKADA, S. | 8411260304 | XPORTLIC |
| NERSES, V. | 8411190139 | 50-498 F | NORRIS, J. A. | 8411090074 | 50-295 Q | OLDAG, D. | 8411060302 | 50-445 A |
| NERSES, V. | 8411200494 | 50-498 A | NORRIS, J. A. | 8411280379 | 50-295 P | OLDAG, D. | 8411060335 | 50-445 A |
| NERSES, V. | 8411290127 | 50-443 F | NORRIS, J. J. | 8411090339* | 50-445 Q | OLDAG, D. | 8411060453 | 50-445 A |
| NETTLETON, V. | 8411290203 | FOIA | NORRIS, T. L. | 8411130509* | 50-280 Q | OLDAG, D. | 8411260277 | 50-445 A |
| NEUWEG, M. | 8411200315 | PR | NORRIS, T. L. | 8411130548* | 50-390 Q | OLIVEIRA, W. | 8411260292* | 50-271 G |
| NEUWEG, M. | 8411280232 | REGO | NORRY, P. G. | 8411090562 | DRG | OLIVER, H. W. | 8411080486* | WASTE RES |
| NEVILL, J. F. | 8411070044* | 50-400 T | NORRY, P. G. | 8411260013 | DRG | OLLER, R. E. | 8411010030* | QA999 |
| NEWTON, J. H. | 8411210236* | 70-820 | NORRY, P. G. | 8411270156 | DRG | OLLER, R. E. | 8411290358* | QA999 |
| NEWTON, J. H. | 8411210298* | CONTRACT | NOTTAN, D. V. | 8411140437 | 50-219 R | OLSEN, A. F. | 8411130321 | 70-824 |
| NEWTON, S. L. | 8411060458* | 50-289 T | NOTTING, R. D. | 8411080522* | CONTRACT | OLSEN, A. F. | 8411200216 | 50-13 P |
| NEWTON, S. L. | 8411060521* | 50-289 T | NOUBAKHSH, H. P. | 8411210145* | REVIEW GRP | OLSEN, K. B. | 8411280136 | NUREG |
| NICHOLAS, H. | 8411290423* | 50-387 G | NOVACHEK, F. | 8411280040 | 50-267 R | OLSHINSKI, J. A. | 8411080292 | 50-400 G |
| NICHOLAS, H. H. | 8411090504* | 50-423 G | NOVAK, T. | 8411200143 | 50-416 E | OLSHINSKI, J. A. | 8411080303 | 50-250 G |
| NICHOLAS, H. H. | 8411290559* | 50-423 G | NOVAK, T. M. | 8411010021 | 50-327 P | OLSHINSKI, J. A. | 8411080321 | 50-438 G |
| NICHOLLS, H. R. | 8411080051 | WASTE RES | NOVAK, T. M. | 8411010042* | 50-369 P | OLSHINSKI, J. A. | 8411160043 | 50-413 F |
| NICHOLLS, H. R. | 8411080155 | WASTE RES | NOVAK, T. M. | 8411010124 | 50-390 E | OLSHINSKI, J. A. | 8411160259 | 50-369 F |
| NICHOLLS, H. R. | 8411080174 | WASTE RES | NOVAK, T. M. | 8411010578 | 50-416 P | OLSHINSKI, J. A. | 8411200304 | 50-259 F |
| NICHOLLS, H. R. | 8411080182 | WASTE RES | NOVAK, T. M. | 8411090376 | 50-395 P | OLSON, J. | 8411260129 | NUREG |
| NICHOLLS, J. | 8411160334* | 50-354 F | NOVAK, T. M. | 8411130203 | 50-454 F | OLSON, D. L. | 8411080536 | WASTE MGT |
| NICHOLSON, N. A. | 8411190365* | 50-346 G | NOVAK, T. M. | 8411130580 | 50-454 G | OPREA, G. W. | 8411020265 | 50-498 S |
| NICKLES, P. J. | 8411150276 | 40-2061 | NOVAK, T. M. | 8411150227 | 50-369 P | OPREA, G. W. | 8411030275 | 50-498 A |
| NICKLES, P. J. | 8411150276 | 40-2061 | NOVAK, T. M. | 8411150346 | 50-387 F | OPREA, G. W. | 8411070035* | 50-498 G |
| NICKLES, P. J. | 8411210383 | 40-2061 | NOVAK, T. M. | 8411200149 | 50-440 G | OPREA, G. W. | 8411260535 | 50-498 S |
| NICKOLAUS, J. W. | 8411030303 | XPORTLIC | NOVAK, T. M. | 8411260181* | 50-416 P | OPREA, G. W. | 8411290548 | 50-498 S |
| NICKOLAUS, J. W. | 8411070195 | XPORTLIC | NOVAK, T. M. | 8411280237 | 50-387 F | ORNSTEIN, H. | 8411160127* | NUREG |
| NICKOLAUS, J. W. | 8411080392 | XPORTLIC | NOVAK, T. M. | 8411280377 | 50-424 E | ORNSTEIN, P. | 8411080602 | WASTE RES |
| NICKOLAUS, J. W. | 8411160178 | XPORTLIC | NOVAK, T. M. | 8411280391 | 50-410 A | ORNSTEIN, P. M. | 8411080360* | WASTE RES |
| NICKOLAUS, J. W. | 8411160381* | XPORTLIC | NUSSBAUMER, D. A. | 8411080563 | WASTE MGT | ORTIZ, N. R. | 8411080609 | WASTE RES |
| NICKOLAUS, J. W. | 8411280344 | XPORTLIC | NUSSBAUMER, D. A. | 8411290656 | WASTE MGT | OSBORN, R. N. | 8411260129 | NUREG |
| NICKOLAUS, J. W. | 8411280416 | XPORTLIC | O'BRIAN, J. P. | 8411140337* | 50-361 G | OSBORNE, D. B. | 8411140579 | 50-336 P |
| NICKOLAUS, J. W. | 8411290121 | XPORTLIC | O'CONNOR, P. W. | 8411200378 | 50-483 P | OSBORNE, D. B. | 8411200141 | 50-336 P |
| NICKOLAUS, J. W. | 8411290125 | XPORTLIC | O'CONNOR, P. W. | 8411290347* | 50-293 P | OSBORNE, M. F. | 8411290160 | NUREG |
| NICKOLAUS, J. W. | 8411290196 | XPORTLIC | O'DONNELL, E. P. | 8411090493* | CONTRACT | OSTER, J. | 8411070208 | 50-10 J |
| NICOLARAS, H. | 8411060262* | 50-269 G | O'DWYER, G. | 8411160404* | 50-341 G | OTTINGER, R. L. | 8411080571 | WASTE MGT |
| NICOLARAS, H. | 8411130465 | 50-269 P | O'NEAL, W. C. | 8411080054* | WASTE RES | OTTINGER, R. L. | 8411130520* | PR |
| NICOLARAS, H. | 8411160541 | 50-269 P | O'NEAL, W. C. | 8411080487* | WASTE RES | OTTINGER, R. L. | 8411210183* | 50-275 U |
| NICOLARAS, H. | 8411280552 | 50-269 G | O'NEILL, J. H. | 8411140504 | 50-400 G | OUELLETTE, R. W. | 8411030618 | 50-413 S |
| NICOLASI, J. | 8411130079 | 70-870 | O'NEILL, J. H. | 8411140504 | 50-400 G | OUELLETTE, R. W. | 8411200452 | 50-413 S |
| NIEDERBERGER, R. | 8411120138* | 50-335 S | O'REILLY, J. P. | 8411010616 | 50-261 G | OUELLETTE, R. W. | 8411210478 | 50-413 S |
| NILSON, R. | 841120082* | 50-320 G | O'REILLY, J. P. | 8404110117* | REVIEW GRP | OUELLETTE, R. W. | 8411280461 | 50-413 S |
| NIMITZ, R. L. | 8411140219* | 50-293 G | O'REILLY, J. P. | 8411010087 | 50-424 A | OUELLETTE, R. W. | 8411290128 | 50-413 S |
| NIMITZ, R. L. | 8411190375* | 50-293 G | O'REILLY, J. P. | 8411010158 | 50-424 A | OUELLETTE, R. W. | 8411290357 | 50-413 S |
| NIX, H. C. | 8411010340 | 50-321 S | O'REILLY, J. P. | 8411010172 | 50-324 P | OZMUN, R. V. | 8411160172 | 71-146 |
| NIX, H. C. | 8411030636 | 50-366 S | O'REILLY, J. P. | 8411010305 | 50-259 G | PADOVAN, M. L. | 8411030346* | 50-275 G |
| NIX, H. C. | 8411070215 | 50-366 S | O'REILLY, J. P. | 8411010307 | 50-424 A | PADOVAN, M. L. | 8411210166* | 50-275 G |
| NIX, H. C. | 8411080566 | 50-321 S | O'REILLY, J. P. | 8411080253 | 50-424 A | PAGE, M. | 8411080451 | CONTRACT |
| NIX, H. C. | 8411090366 | 50-321 S | O'REILLY, J. P. | 8411080344 | 50-250 G | PAGE, M. | 8411080548 | CONTRACT |
| NIX, H. C. | 8411090390 | 50-366 S | O'REILLY, J. P. | 8411080356 | 50-250 G | PAGE, M. | 8411140491 | CONTRACT |
| NIX, H. C. | 8411130602 | 50-321 R | O'REILLY, J. P. | 8411130596 | 50-250 G | PAGE, M. | 8411290302 | CONTRACT |
| NIX, H. C. | 8411140182 | 50-366 S | O'REILLY, J. P. | 8411130650 | 50-424 A | PAGE, M. | 8411290338 | CONTRACT |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|
| PAGE, R. G. | 8411010170 | 70-1257 | PATE, R. J. | 8411080074 | 50-113 G | PETTENGILL, H. J. | 8411070329* | 40-2259 |
| PAGE, R. G. | 8411010189* | 70-1257 | PATE, R. J. | 8411080079* | 50-113 G | PETTENGILL, H. J. | 8411070337 | 40-8452 |
| PAGE, R. G. | 8411010587 | 70-1100 | PATE, R. J. | 8411260202 | 50-206 V | PETTENGILL, H. J. | 8411070339* | 40-8452 |
| PAGE, R. G. | 8411010593 | 70-113 | PATRICK, M. | 8411120082* | 50-320 G | PETTENGILL, H. J. | 8411080008 | 40-8698 |
| PAGE, R. G. | 8411010598* | 70-113 | PATTERSON, C. A. | 8411130593* | 50-259 G | PETTENGILL, H. J. | 8411080388 | 40-299 |
| PAGE, R. G. | 8411050059 | 40-8027 | PATTERSON, J. | 8411050460* | 50-275 G | PETTENGILL, H. J. | 8411080417* | 40-6622 |
| PAGE, R. G. | 8411050229 | 70-1257 | PATTERSON, J. | 8411160064* | 50-282 G | PETTENGILL, H. J. | 8411080492 | 40-1162 |
| PAGE, R. G. | 8411130241* | 70-1257 | PATTERSON, J. P. | 8411160040* | 50-263 G | PETTENGILL, H. J. | 8411080494 | 40-8698 |
| PAGE, R. G. | 8411130471 | 40-2061 | PATTERSON, J. T. | 8411150336 | 50-483 R | PETTENGILL, H. J. | 8411080508 | 40-8452 |
| PAGE, R. G. | 8411160095 | 40-8027 | PATTERSON, J. T. | 8411200036 | 50-483 R | PETTENGILL, H. J. | 8411080552* | 40-6659 |
| PAGE, R. G. | 8411160623 | 70-824 | PATTISON, R. S. | 8411160593 | 40-8084 | PETTENGILL, H. J. | 8411080559* | 40-6659 |
| PAGE, R. G. | 8411190189* | FDIA | PATTISON, R. S. | 8411200587 | 40-8084 | PETTENGILL, H. J. | 8411090093* | 40-8084 |
| PAODIN, R. D. | 8411010392 | 50-271 G | PATTON, J. D. | 8411140072 | 40-8102 | PETTENGILL, H. J. | 8411090106* | 40-8084 |
| PAINE, A. J. | 8411010347 | 50-352 H | PAUL, R. A. | 8411070289* | 50-461 G | PETTENGILL, H. J. | 8411090112* | 40-8084 |
| PALLADINO | 8411260240 | 50-289 G | PAULITZ, F. P. | 8411140462* | 50-213 G | PFUFF, S. J. | 8411190113 | 40-6659 |
| PALLADINO, N. J. | 8411260243 | 50-289 U | PAULITZ, F. P. | 8411200079* | 50-213 G | PFEFFERLEN, H. C. | 8411150055 | TOPREP |
| PALLADINO, N. J. | 8411050445 | 50-275 G | PAULK, G. L. | 8411130593* | 50-289 G | PHILBROOK, A. | 8411270052 | PRM |
| PALLADINO, N. J. | 8411050456 | 50-275 G | PAULSON, W. A. | 8410290154 | 50-206 P | PHILIPS, M. H. | 8411060303 | 50-445 G |
| PALLADINO, N. J. | 8411130614 | 50-275 U | PAULSON, W. A. | 8410290160* | 50-206 P | PHILIPS, M. H. | 8411060303 | 50-445 G |
| PALLADINO, N. J. | 8411140581 | COMMISSION | PAULSON, W. A. | 8411010142 | 50-244 E | PHILIPS, M. H. | 8411070005 | 50-445 G |
| PALLADINO, N. J. | 8411150120 | 50-275 U | PAULSON, W. A. | 8411050063 | 50-133 P | PHILIPS, M. H. | 8411070005 | 50-445 G |
| PALLADINO, N. J. | 8411160012 | COMMISSION | PAULSON, W. A. | 8411050413 | 50-245 P | PHILIPS, M. H. | 8411130719 | 50-445 G |
| PALLADINO, N. J. | 8411210074 | COMMISSION | PEDRO, J. | 8411290186 | 50-348 P | PHILIPS, M. H. | 8411130719 | 50-445 G |
| PALLADINO, N. J. | 8411210178 | 50-275 U | PEDRO, J. | 8411290190 | FDIA | PHILIPS, M. H. | 8411130725* | 50-445 G |
| PALLADINO, N. J. | 8411210275 | COMMISSION | PEDRO, J. | 8411290231 | FDIA | PHILIPS, M. H. | 8411130725* | 50-445 G |
| PALLADINO, N. J. | 8411260036* | 50-206 P | PEEBLES, T. A. | 8411140016* | 50-230 G | PHILIPS, M. H. | 8411140001 | 50-445 G |
| PALLADINO, N. J. | 8411260142 | 50-289 P | PEERY, W. W. | 8411150210* | 50-321 G | PHILIPS, M. H. | 8411140001 | 50-445 G |
| PALLADINO, N. J. | 8411260245 | 50-289 U | PELIZZA, M. S. | 8411190052 | 40-8786 | PHILIPS, M. H. | 8411270189 | 50-445 G |
| PALLADINO, N. J. | 8411260248 | 50-289 P | PELIZZA, M. S. | 8411200060 | 40-8786 | PHILIPS, M. H. | 8411270189 | 50-445 G |
| PALLADINO, N. J. | 8411260249 | 50-289 P | PELKE, P. R. | 8411130385* | 50-483 G | PHILIPS, M. H. | 8411290371 | 50-445 G |
| PALLADINO, N. J. | 8411260337 | 50-320 G | PELLETIER, J. P. | 8411160416 | 50-271 S | PHILLIPS, M. H. | 8411290371 | 50-445 G |
| PALLADINO, N. J. | 8411260342 | 50-289 P | PENDER, T. L. | 8411210309 | 71-339 | PHILLIPS, H. S. | 8411060325* | 50-445 G |
| PALLADINO, N. J. | 8411290179* | FDIA | PENN, A. I. | 8411060097 | 50-322 T | PHILLIPS, M. P. | 8411080607* | 50-440 G |
| PALM, S. A. | 8411150086* | 50-323 A | PENN, A. I. | 8411070017 | 50-322 T | PHILLIPS, M. P. | 8411160040* | 50-263 G |
| PALOMINO, F. G. | 8411010556 | 50-322 G | PENN, A. I. | 8411070134 | 50-322 T | PHILLIPS, M. P. | 8411160064* | 50-282 G |
| PALOMINO, F. G. | 8411130611 | 50-322 G | PENTZ, D. | 8411050265 | WASTE RES | PHILLIPS, M. P. | 8411160534* | 50-254 G |
| PALOMINO, F. G. | 8411140480 | 50-322 G | PENTZ, D. L. | 8411050062 | WASTE RES | PHILLIPS, M. P. | 8411290659* | 50-373 G |
| PALOMINO, F. G. | 8411150309 | 50-322 G | PENTZ, D. L. | 8411050079 | WASTE RES | PHILLIPS, S. | 8411290355 | 50-206 F |
| PALOMINO, F. G. | 8411200254 | 50-322 G | PENTZ, D. L. | 8411050127 | WASTE RES | PICKERING, K. | 8411140198 | 50-289 G |
| PALOMINO, F. G. | 8411260009 | 50-322 G | PENTZ, D. L. | 8411050136 | WASTE RES | PIETRAK, R. F. | 8411130577 | NUREG |
| PANCIERA, V. W. | 8411070002 | 50-302 S | PENTZ, D. L. | 8411050155 | WASTE RES | PIGFORD, T. H. | 8411080500* | WASTE RES |
| PANCIERA, V. W. | 8411130632* | 50-302 G | PENTZ, D. L. | 8411050165 | WASTE RES | PIGFORD, T. H. | 8411190342 | 50-224 F |
| PANCIERA, V. W. | 8411140299* | 50-424 G | PENTZ, D. L. | 8411050174 | WASTE RES | PILANT, J. M. | 8411050184 | 50-298 F |
| PANCIERA, V. W. | 8411150281* | 50-321 G | PENTZ, D. L. | 8411050224 | WASTE RES | PILANT, J. M. | 8411060298 | 50-298 F |
| PANETTA, L. E. | 8411050460* | 50-275 G | PENTZ, D. L. | 8411050238 | WASTE RES | PILANT, J. M. | 8411090136 | 50-298 F |
| PANGBURN, G. C. | 8411070314* | 40-8602 | PENTZ, D. L. | 8411050255 | WASTE RES | PILANT, J. M. | 8411140150 | 50-298 R |
| PANGBURN, G. C. | 8411070337 | 40-8452 | PENTZ, D. L. | 8411050282 | WASTE RES | PILANT, J. M. | 8411160160 | 50-298 F |
| PANGBURN, G. C. | 8411070339* | 40-8452 | PENTZ, D. L. | 8411050299 | WASTE RES | PILANT, J. M. | 8411200236 | 50-298 F |
| PANGBURN, G. C. | 8411080508 | 40-8452 | PENTZ, D. L. | 8411050305 | WASTE RES | PILANT, J. M. | 8411210020 | 50-298 F |
| PANGBURN, G. C. | 8411080514* | 40-8452 | PENTZ, D. L. | 8411050331 | WASTE RES | PILANT, J. M. | 8411260166* | 50-298 G |
| PAOLINO, R. | 8411160335* | 50-220 G | PENTZ, D. L. | 8411050341 | WASTE RES | PILANT, J. M. | 8411280134 | 50-298 P |
| PAOLINO, R. | 8411210444* | 50-334 G | PENTZ, D. L. | 8411050357 | WASTE RES | PILANT, J. M. | 8411290107 | 50-298 F |
| PAPERIELLO, C. J. | 8411090232 | 50-255 F | PENTZ, D. L. | 8411050366 | WASTE RES | PILLARD, C. H. | 8411200255 | REGO |
| PARENTE, C. L. | 8411010280* | 71-13 | PENTZ, D. L. | 8411050385 | WASTE RES | PIN, F. G. | 8411160596* | 40-2259 |
| PARIS, O. H. | 8411060616 | 50-424 G | PENTZ, D. L. | 8411080022 | WASTE RES | PINDALE, S. M. | 8411020146* | 50-271 G |
| PARKINSON, G. L. | 8411070019 | 50-461 T | PENTZ, D. L. | 8411080029* | WASTE RES | PIRFO, O. R. | 8411090305 | 50-322 G |
| PARSHLEY, F. C. | 8411290195 | FDIA | PENTZ, D. L. | 8411080120 | WASTE RES | PIRFO, O. R. | 8411130377* | 50-441 G |
| PARSONS, G. E. | 8411020184 | 40-791 | PENTZ, D. L. | 8411080134* | WASTE RES | PITCAIRN, D. R. | 8411130398 | NUREG |
| PARSONS, R. M. | 8411010164 | 50-400 S | PENTZ, D. L. | 8411090250* | WASTE RES | PITCAIRN, D. R. | 8411130407* | NUREG |
| PARSONS, R. M. | 8411080297* | 50-400 G | PEREIRA, D. B. | 8411210187* | 50-344 G | PITTIOLIO, C. L. | 8411090036 | WASTE RES |
| PARSONS, R. M. | 8411140068* | 50-400 G | PEREZ, G. P. | 8411030375* | 50-312 G | PITTIOLIO, C. L. | 8411090071 | WASTE RES |
| PARSONS, R. M. | 8411160086 | 50-400 S | PERLIS, R. O. | 8411090296 | 50-322 G | PITTIOLIO, C. L. | 8411090099 | WASTE RES |
| PARSONS, R. M. | 8411160601 | 50-400 S | PERLIS, R. O. | 8411090345 | 50-498 G | PITTIOLIO, C. L. | 8411090196 | WASTE RES |
| PARSONS, R. M. | 8411190042 | 50-400 S | PERLMAN, J. | 8411020079 | CONTRACT | PITTIOLIO, C. L. | 8411090249 | WASTE RES |
| PARSONS, R. M. | 841120146 | 50-400 S | PERLMAN, J. | 8411020227 | CONTRACT | PITTIOLIO, C. L. | 8411090293 | WASTE RES |
| PARSONS, R. M. | 841120146 | 50-400 S | PERLMAN, J. | 8411210335 | CONTRACT | PITTIOLIO, C. L. | 8411090323 | WASTE RES |
| PARSONS, R. M. | 841120146 | 50-400 S | PERLMAN, J. | 8411210337 | CONTRACT | PITTIOLIO, C. L. | 8411090371 | WASTE RES |
| PARSONS, R. M. | 841120146 | 50-400 S | PERLMAN, J. | 8411260131 | CONTRACT | PITTIOLIO, C. L. | 8411080047 | WASTE RES |
| PARSONS, R. M. | 841120146 | 50-400 S | PERRY, W. | 8411090294 | 50-344 G | PITTIOLIO, C. L. | 8411080069 | WASTE RES |
| PARSONS, R. M. | 841120146 | 50-400 S | PERSENSKY, J. J. | 8411200103 | 50-289 T | PITTIOLIO, C. L. | 8411090244 | WASTE RES |
| PETERS, M. | 8411130135 | 50-373 S | PETERS, M. | 8411130135 | 50-373 S | PITTMAN, J. R. | 8411150296 | 50-259 R |
| PETERSON, H. T. | 8411080156 | WASTE RES | PETERSON, H. T. | 8411080156 | WASTE RES | PITTMAN, J. R. | 8411290564* | FDIA |
| PETERSON, K. A. | 8411080003 | 40-8502 | PETERSON, K. A. | 8411080003 | 40-8502 | PLAHUTA, M. J. | 8411290583* | FDIA |
| PETRICK, N. A. | 8411290105 | 50-482 G | PETRICK, N. A. | 8411290105 | 50-482 G | PLAHUTA, M. J. | 8411290604* | FDIA |
| PETRONE, C. | 8411030440* | 50-322 G | PETRONE, C. | 8411030440* | 50-322 G | PLAINE, H. H. | 8411260123 | 50-289 G |
| PETRONE, C. | 8411290283* | 50-322 G | PETRONE, C. | 8411290283* | 50-322 G | PLIML, G. | 8411050228 | 50-295 F |
| PETROWSKI, S. E. | 8411290251 | 50-304 S | PETROWSKI, S. E. | 8411290251 | 50-304 S | PLISCO, L. R. | 8411200194* | 50-387 G |
| PETTENGILL, H. J. | 8411070230 | 40-6659 | PETTENGILL, H. J. | 8411070230 | 40-6659 | PLISCO, L. R. | 8411290423* | 50-387 G |
| PETTENGILL, H. J. | 8411070277* | 40-6622 | PETTENGILL, H. J. | 8411070277* | 40-6622 | PLISKI, T. | 8411160534* | 50-254 G |
| PETTENGILL, H. J. | 8411070283* | 40-6622 | PETTENGILL, H. J. | 8411070283* | 40-6622 | PLISKI, T. | 8411290659* | 50-373 G |
| PETTENGILL, H. J. | 8411070288* | 40-6622 | PETTENGILL, H. J. | 8411070288* | 40-6622 | POERTNER, W. K. | 8411130653* | 50-160 G |
| PETTENGILL, H. J. | 8411070293* | 40-6622 | PETTENGILL, H. J. | 8411070293* | 40-6622 | POETER, E. | 8411090089 | WASTE RES |
| PETTENGILL, H. J. | 8411070314* | 40-8602 | PETTENGILL, H. J. | 8411070314* | 40-8602 | POETER, E. | 8411060256 | WASTE RES |
| PETTENGILL, H. J. | 8411070321* | 40-2259 | PETTENGILL, H. J. | 8411070321* | 40-2259 | POETER, E. | 8411060572 | WASTE RES |
| PETTENGILL, H. J. | 8411070323* | 40-2259 | PETTENGILL, H. J. | 8411070323* | 40-2259 | POETER, E. | 8411060577 | WASTE RES |

PERSONAL AUTHOR INDEX

475

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|---------------------|---------------------|------------------|---------------------|---------------------|------------------|---------------------|---------------------|
| POETER, E. | 8411060593 | WASTE RES | QUINNETTE, J. W. | 8411150080* | 50-320 F | REBER, R. L. | 8411060413* | 50-352 T |
| POETER, E. | 8411070190 | WASTE RES | QUIRK, J. F. | 8411150020 | TOPREP | REDMOND, R. F. | 8411050112 | 50-150 H |
| POETER, E. | 8411080001 | WASTE RES | RABIN, R. | 8411120339* | 50-440 S | REECE, W. D. | 8411130643 | NUREG |
| POETER, E. | 8411080002 | WASTE RES | RADER, R. M. | 8411060285 | 50-352 G | REED, C. | 8411080215 | 50-454 A |
| POETER, E. | 8411080013 | WASTE RES | RADER, R. M. | 8411060285 | 50-352 G | REED, G. J. | 8411140197 | 50-346 F |
| POETER, E. | 8411080026 | WASTE RES | RADER, R. M. | 8411060330 | 50-352 G | REED, K. | 8411290343 | 50-344 F |
| POETER, E. | 8411080031 | WASTE RES | RADER, R. M. | 8411060330 | 50-352 G | REEVES, E. A. | 8411120423 | 50-348 P |
| POETER, E. | 8411080092 | WASTE RES | RADER, R. M. | 8411060355 | 50-352 G | REEVES, E. A. | 8411200063 | 50-364 P |
| POETER, E. | 8411080100 | WASTE RES | RADER, R. M. | 8411060355 | 50-352 G | REEVES, E. A. | 8411280403 | 50-348 P |
| POETER, E. | 8411080126 | WASTE RES | RADER, R. M. | 8411060425 | 50-352 G | REEVES, E. A. | 8411280438 | 50-348 P |
| POETER, E. | 8411080148 | WASTE RES | RADER, R. M. | 8411060425 | 50-352 G | REGAN, J. J. | 8411200167* | 50-289 T |
| POETER, E. | 8411080184 | WASTE RES | RADER, R. M. | 8411060454 | 50-352 G | REGAN, N. A. | 8411010032 | 71-3149 |
| POETER, E. | 8411080205 | WASTE RES | RADER, R. M. | 8411060454 | 50-352 G | REGAN, N. A. | 8411130536 | 70-27 |
| POETER, E. | 8411080236 | WASTE RES | RADER, R. M. | 8411200183 | 50-352 G | REGAN, N. A. | 8411140022 | 70-27 |
| POETER, E. | 8411080252 | WASTE RES | RADER, R. M. | 8411200183 | 50-352 G | REHFELDT, W. R. | 8411050314 | WASTE RES |
| POETER, E. | 8411080282 | WASTE RES | RADER, R. M. | 8411270329 | 50-352 G | REHM, T. A. | 8411050558 | COMMISSION |
| POHLE, J. A. | 8411050530 | WASTE RES | RADER, R. M. | 8411270329 | 50-352 G | REHM, T. A. | 8411130085 | COMMISSION |
| POHLE, J. A. | 8411060004 | WASTE RES | RAHE, E. P. | 8411070152 | TOPREP | REHM, T. A. | 8411160450 | COMMISSION |
| POHLE, J. A. | 8411060028 | WASTE RES | RAHE, E. P. | 8411120357 | 50-400 A | REHM, T. A. | 8411260453 | COMMISSION |
| POHLE, J. A. | 8411060053 | WASTE RES | RAHE, E. P. | 8411270396 | TOPREP | REHM, T. A. | 8411280575 | MISC |
| POHLE, J. A. | 8411060071 | WASTE RES | RAHE, E. P. | 8411280196 | TOPREP | REHM, T. A. | 8411290081 | COMMISSION |
| POHLE, J. A. | 8411060109 | WASTE RES | RAJARAM, V. | 8411080025 | WASTE RES | REIDINGER, T. D. | 8411010295* | 50-315 G |
| POHLE, J. A. | 8411060125 | WASTE RES | RAJARAM, V. | 8411080032 | WASTE RES | REILLY, M. A. | 8411060479* | 50-352 T |
| POHLE, J. A. | 8411060151 | WASTE RES | RAJARAM, V. | 8411080041 | WASTE RES | REILLY, M. A. | 8411060490* | 50-352 T |
| POHLE, J. A. | 8411070258 | WASTE RES | RAJARAM, V. | 8411080048 | WASTE RES | REIS, E. J. | 8411130567 | 50-322 G |
| POHLE, J. A. | 8411080067 | WASTE RES | RAJARAM, V. | 8411080050 | WASTE RES | REIS, E. J. | 8411150343 | 50-322 G |
| POHLE, J. A. | 8411080089 | WASTE RES | RAJARAM, V. | 8411080058 | WASTE RES | REIS, E. J. | 84111290076 | 50-322 G |
| POHLE, J. A. | 8411080099 | WASTE RES | RAJARAM, V. | 8411080094 | WASTE RES | REMIS, S. C. | 8411260002 | 50-354 G |
| POHLE, J. A. | 8411080585 | WASTE RES | RAJARAM, V. | 8411080106 | WASTE RES | REGUA, G. | 8411080593 | 50-261 P |
| POHLE, J. A. | 8411080630 | WASTE RES | RAJARAM, V. | 8411080383 | WASTE RES | REGUA, G. | 8411200584 | 50-261 P |
| POHLE, J. A. | 8411090120 | WASTE RES | RAJARAM, V. | 8411080391 | WASTE RES | REGUA, G. | 8411280596 | 50-261 P |
| POHLE, J. A. | 8411090379 | WASTE RES | RAJARAM, V. | 8411080404 | WASTE RES | REGUA, G. | 8411290076 | 50-261 P |
| POHLE, J. A. | 8411090385 | WASTE RES | RAJARAM, V. | 8411080413 | WASTE RES | REVELEY, W. T. | 8411060392 | 50-322 G |
| POHLE, J. A. | 8411090462 | WASTE RES | RAJARAM, V. | 8411080482* | WASTE RES | REVELEY, W. T. | 8411060392 | 50-322 G |
| POLICH, T. J. | 8411030346* | 50-275 G | RAJARAM, V. | 8411080543 | WASTE RES | REYES, L. A. | 8411050273* | 50-315 G |
| POLLACK, D. | 8411270350 | 50-352 G | RAJARAM, V. | 8411090003 | WASTE RES | REYES, L. A. | 8411060534* | 50-434 G |
| POLLACK, G. L. | 8411060445* | PR | RAJARAM, V. | 8411090077 | WASTE RES | REYES, L. A. | 8411060615 | 50-316 G |
| POLLACK, G. L. | 8411060447* | PR | RAJARAM, V. | 8411090327 | WASTE RES | REYES, L. A. | 8411160404* | 50-341 G |
| POLLARD, R. D. | 8411270317 | 50-289 G | RAJARAM, V. | 8411090410 | WASTE RES | REYES, L. A. | 8411200207* | 50-434 G |
| PONCE, D. A. | 8411080486* | WASTE RES | RAJARAM, V. | 8411120231 | WASTE RES | REYNOLDS, A. B. | 841120298* | CONTRACT |
| POOLE, D. C. | 8411190590 | 50-483 S | RALSTON, D. R. | 8411030808 | WASTE RES | REYNOLDS, J. | 8411290224 | 50-275 P |
| POPPE, L. K. | 8411160229 | 71-6601 | RAMSEY, C. | 8411190458* | 50-482 G | REYNOLDS, N. S. | 8411060615 | 50-445 G |
| POPPE, L. K. | 8411160240* | 71-6601 | RAMSEY, C. | 8411200207* | 50-454 G | REYNOLDS, N. S. | 8411060615 | 50-445 G |
| POSAVATZ, T. | 8411270206 | 50-70 G | RANDALL, R. | 8411150307 | 50-220 S | REYNOLDS, N. S. | 8411130103 | 50-445 G |
| POTAPOV, U. | 8411160304* | QA999 | RANDAZZA, J. B. | 8411030557 | 50-309 G | REYNOLDS, N. S. | 8411130103 | 50-445 G |
| POTERALSKI, D. C. | 8411120371* | 50-389 P | RANDAZZA, J. B. | 8411260112 | 50-309 F | REYNOLDS, N. S. | 8411190099 | 50-445 G |
| POTTER, J. | 8411060391 | 1&E | RANDAZZA, J. B. | 8411270293 | 50-309 G | REYNOLDS, N. S. | 8411190099 | 50-445 G |
| POTTER, J. | 8411160156 | 1&E | RANDAZZA, J. B. | 8411160645 | 40-2259 | REYNOLDS, N. S. | 8411190234 | 50-445 G |
| POTTER, J. | 8411200333 | 1&E | RANDOLPH, H. C. | 8411270238 | 50-352 G | REYNOLDS, N. S. | 8411190234 | 50-445 G |
| POTTS, R. | 8411260335* | 50-331 F | RANGANATH, S. | 8411160343* | 50-293 P | REYNOLDS, N. S. | 8411200148 | 50-445 G |
| POULTON, B. R. | 8411150003 | 50-297 P | RANGE, J. J. | 8411060574 | 50-322 G | REYNOLDS, N. S. | 8411200148 | 50-445 G |
| POWELL, C. S. | 8411070281 | XPORTLIC | RANGE, J. J. | 8411060574 | 50-322 G | REYNOLDS, N. S. | 8411290304 | 50-445 G |
| POWELL, R. H. | 8411130348 | 71-9073 | RAPKIN, A. | 8411060315 | 40-2061 | REYNOLDS, N. S. | 8411290304 | 50-445 G |
| PRELL, J. | 8411130083* | 50-309 G | RAPKIN, A. | 8411060315 | 40-2061 | REYNOLDS, N. S. | 8411290358 | 50-445 G |
| PRELL, J. | 8411160046* | 50-277 G | RAPKIN, A. | 8411210205 | 40-2061 | REYNOLDS, N. S. | 8411290358 | 50-445 G |
| PRELL, J. | 8411270113* | 50-272 G | RAPKIN, A. | 8411280204 | 40-2061 | REYNOLDS, S. D. | 8411160077* | 50-410 G |
| PRENDERGAST, K. | 8411070213* | 50-528 G | RATZEL, A. C. | 8411160083 | NUREG | REYNOLDS, S. D. | 8411270190* | 50-412 G |
| PRESTON, C. C. | 8411280550 | RES | RATZEL, A. C. | 8411160085 | NUREG | REYBLATT, Z. | 8411010151 | MISC |
| PRESTON, R. S. | 8411260400 | 50-373 S | RATZEL, A. C. | 8411130663 | NUREG | RHOADS, D. H. | 8411070051* | 50-443 A |
| PREVATTE, R. L. | 8411140083* | 50-400 G | RAY, C. L. | 8411080235 | 50-206 S | RICE, B. | 8411090160 | WASTE RES |
| PRINTZ, T. | 8411190248* | 50-295 S | RAY, C. L. | 8411080235 | 50-206 S | RICHARDS, S. A. | 8411030216* | 50-344 G |
| PRIVIDY, L. J. | 8411060483* | 50-412 G | RAY, C. L. | 8411080326 | 50-206 S | RICHARDS, S. A. | 8411280006* | 50-344 G |
| PROBST, J. R. | 8411270179 | 50-331 S | RAY, C. L. | 8411080326 | 50-206 S | RICHLEY, E. A. | 8411020218 | 50-30 P |
| PROTO, N. | 8411210244 | 40-2061 | RAY, C. L. | 8411140052 | 50-206 S | RIDDLE, R. R. | 8411210312 | 71-10 |
| PROTO, N. | 8411210367 | 40-2061 | RAY, C. L. | 8411140052 | 50-206 S | RIDGWAY, D. A. | 8411060491 | 50-400 G |
| PROTO, N. | 8411260201* | 40-2061 | RAY, C. L. | 8411140344 | 50-206 S | RIDGWAY, D. A. | 8411060491 | 50-400 G |
| PROTO, N. T. | 8411210374 | 40-2061 | RAY, C. L. | 8411140344 | 50-206 S | RIDGWAY, D. A. | 8411060492* | 50-400 G |
| PUCEL, P. | 8411190575 | 40-6622 | RAY, C. L. | 8411150011 | 50-206 S | RIDGWAY, D. A. | 8411060492* | 50-400 G |
| PUGH, J. T. | 8411060498* | 50-400 G | RAY, C. L. | 8411150011 | 50-206 S | RIDGWAY, D. A. | 8411060492* | 50-400 G |
| PUGH, J. T. | 8411060498* | 50-400 G | RAY, C. L. | 8411260049 | 50-206 S | RIDGWAY, D. A. | 8411060492* | 50-400 G |
| PUGH, J. T. | 8411060498* | 50-400 G | RAY, C. L. | 8411260049 | 50-206 S | RING, M. | 8411060534* | 50-454 G |
| PULLANI, S. V. | 8411010006* | 50-352 G | RAY, C. L. | 8411290194 | 50-206 S | RING, M. A. | 8411160145* | 50-373 G |
| PURDOM, P. W. | 8411290384 | 50-413 G | RAYMOND | 8411140177 | 50-271 S | RITTSCHER, D. | 8411130307 | PROJ |
| PUTNAM, K. S. | 8411060219 | 50-331 S | RAYMOND, W. A. | 8411130101 | 50-275 F | RIVERS, M. E. | 8411020048 | 50-259 S |
| PUTNAM, K. S. | 8411260127 | 50-331 R | RAYMOND, W. J. | 8411020146* | 50-271 G | RIVERS, M. E. | 8411060210 | 50-259 R |
| PUZEY, A. M. | 8411090276 | 50-344 F | RAYNOR, J. W. | 8411280569 | 50-317 S | RIVERS, M. E. | 8411120072 | 50-259 R |
| PUZEY, A. M. | 8411260176 | 50-344 F | REA, P. F. | 8411090246 | WASTE RES | ROBERTS, H. R. | 8411160519 | 40-8681 |
| GUENNOZ, S. M. | 8411030716 | 50-346 S | READ, D. W. | 8411200350 | 50-400 G | ROBERTS, H. R. | 8411190583 | 40-8681 |
| GUENNOZ, S. M. | 8411150323 | 50-346 S | REASONER, H. M. | 8411200354 | 50-498 G | ROBERTS, H. R. | 8411200130 | 40-8675 |
| GUENNOZ, S. M. | 8411200045 | 50-346 S | REASONER, H. M. | 8411200354 | 50-498 G | ROBERTS, J. P. | 8411200497 | MISC |
| GUENNOZ, S. M. | 8411200559 | 50-346 R | REAVIS, J. A. | 8411260019 | 50-269 R | ROBERTS, J. P. | 8411200588 | PROJ |
| GUENNOZ, S. M. | 8411200562 | 50-346 R | REAVIS, J. A. | 8411260115 | 50-413 R | ROBERTS, T. M. | 8411150285 | COMMISSION |
| GUENNOZ, S. M. | 8411280393 | 50-346 R | REAVIS, J. A. | 8411260134 | 50-369 R | ROBERTS, W. A. | 8411090401 | WASTE MGT |
| GUENNOZ, S. M. | 8411280397* | 50-346 R | REBELLO, J. E. | 841120219* | CONTRACT | ROBERTSON, J. A. | 8411030309* | 50-245 G |
| GUENNOZ, S. N. | 8411260011 | 50-346 S | REBER, R. L. | 8411060413* | 50-352 T | ROBERTSON, J. A. | 8411200079* | 50-213 G |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|---------------------|---------------------|-----------------|---------------------|---------------------|------------------|---------------------|---------------------|
| ROBINSON, P. | 8411050041 | 50-321 Q | ROSS, B. I. | 8411090158 | WASTE RES | RUSSELL, W. T. | 8411010257 | 50-250 P |
| ROBINSON, P. | 8411070027 | I&E | ROSS, B. I. | 8411090168 | WASTE RES | RUTH, L. C. | 8411290213* | FOIA |
| ROBIN, M. A. | 8411130591 | PR | ROSS, D. F. | 8411290436* | FOIA | RUZICKA, W. G. | 8411140398 | 50-54 P |
| ROBIN, M. A. | 8411140341 | 50-139 F | ROSS, D. F. | 8411290439* | FOIA | RYAN, M. L. | 8411290193 | 50-289 T |
| ROBIN, M. A. | 8411270388 | 50-139 F | ROSS, F. | 8411080005 | WASTE RES | RYBAK, B. | 8411150002 | 50-237 P |
| RODRIGUEZ, R. J. | 8411020225 | 50-312 P | ROSS, M. J. | 8411060448* | 50-289 T | RYBAK, B. | 8411150004 | 50-254 P |
| RODRIGUEZ, R. J. | 8411050420 | 50-312 P | ROSS, M. J. | 8411060521* | 50-289 T | RYBAK, B. | 8411150017 | 50-237 P |
| RODRIGUEZ, R. J. | 8411060137 | 50-312 P | ROSS, T. M. | 8411030346* | 50-273 Q | RYBAK, B. | 8411150021 | 50-237 P |
| RODRIGUEZ, R. J. | 8411060201 | 50-312 S | ROSS, W. J. | 8411140082* | 50-335 Q | RYBAK, B. | 8411150069 | 50-237 P |
| RODRIGUEZ, R. J. | 8411060293 | 50-312 P | ROSSBACH, L. W. | 8411030459* | 50-286 Q | RYBAK, B. | 8411150092 | 50-254 F |
| RODRIGUEZ, R. J. | 8411060299 | 50-312 S | ROSSBACH, L. W. | 8411140385* | 50-286 Q | RYBAK, B. | 8411200211 | 50-237 P |
| RODRIGUEZ, R. J. | 8411060410 | 50-312 Q | ROSSI, C. E. | 8411210102 | I&E | RYBAK, B. | 8411270042 | 50-237 Q |
| RODRIGUEZ, R. J. | 8411070031 | 50-312 V | ROTH, J. | 8411030469* | 70-135 | SALISBURY, J. K. | 8411129078 | 50-298 R |
| RODRIGUEZ, R. J. | 8411120264 | 50-312 P | ROTH, J. | 8411260329* | 70-820 | SALTZMAN, J. | 8411080402 | 50-352 J |
| RODRIGUEZ, R. J. | 8411140380 | 50-312 P | ROTH, R. B. | 8411090339* | 50-445 Q | SALTZMAN, J. | 8411130435* | 50-275 P |
| RODRIGUEZ, R. J. | 8411160230 | 50-312 P | ROUSE, L. C. | 8411200174 | 50-280 Y | SALTZMAN, J. | 8411260593 | 50-271 I |
| RODRIGUEZ, R. J. | 8411190133 | 50-312 P | ROUSE, L. C. | 8411200248 | 71-510 | SALTZMAN, J. | 8411260606 | 50-271 I |
| RODRIGUEZ, R. J. | 8411200314 | 50-312 S | ROUSE, L. C. | 8411280271 | 70-8 | SALTZMAN, J. | 8411280218 | 50-250 I |
| RODRIGUEZ, R. J. | 8411260334 | 50-312 P | ROUSH, J. L. | 8411120352 | 50-352 H | SALTZMAN, J. | 8411290023 | 50-245 I |
| RODRIGUEZ, R. J. | 8411260338 | 50-312 Q | ROWE, J. | 8411050014 | WASTE RES | SALTZMAN, J. | 8411290029 | 50-29 I |
| RODRIGUEZ, R. J. | 8411290360 | 50-312 R | ROWE, J. | 8411050019 | WASTE RES | SALTZMAN, J. | 8411290077 | 50-483 J |
| RODRIGUEZ, R. J. | 8411190556 | 50-312 S | ROWE, J. | 8411050028 | WASTE RES | SALTZMAN, J. | 8411290322 | 50-454 J |
| ROGERS, A. M. | 8411080577* | 27-48 | ROWE, J. | 8411050034 | WASTE RES | SALTZMAN, J. | 8411290407 | 50-416 J |
| ROGERS, D. W. | 8411120462 | 50-255 S | ROWE, J. | 8411050036 | WASTE RES | SALTZMAN, J. | 8411290646 | 50-263 I |
| ROGERS, D. W. | 8411290568 | 50-255 S | ROWE, J. | 8411050040 | WASTE RES | SALVATOR, R. | 8411290425* | FOIA |
| ROGERS, P. | 8411130162 | 50-313 S | ROWE, J. | 8411050046 | WASTE RES | SAMELSON, A. | 8411200001 | 50-461 Q |
| ROGERS, P. | 8411130185 | 50-313 S | ROWE, J. | 8411050055 | WASTE RES | SAMPSON, H. E. | 8411080486* | WASTE RES |
| ROGERS, P. | 8411280037 | 50-313 S | ROWE, J. | 8411050058 | WASTE RES | SAMSEL, T. L. | 841120097* | CONTRACT |
| ROGERS, T. | 8411070116* | 50-413 Q | ROWE, J. | 8411050064 | WASTE RES | SANBORN, G. | 8411090441 | WASTE MGT |
| ROHLER, A. D. | 8411260451 | 50-508 S | ROWE, J. | 8411050090 | WASTE RES | SANCIC, D. | 8411190152 | 50-333 S |
| ROISMAN, A. Z. | 8411020035 | 50-445 Q | ROWE, J. | 8411050091 | WASTE RES | SANDERS, W. F. | 8411140299* | 50-424 Q |
| ROISMAN, A. Z. | 8411020035 | 50-445 Q | ROWE, J. | 8411050096 | WASTE RES | SARSDUR, B. M. | 8411150323 | 50-346 R |
| ROISMAN, A. Z. | 8411190454 | 50-445 Q | ROWE, J. | 8411050113 | WASTE RES | SASSER, K. | 8411130503* | 50-269 Q |
| ROISMAN, A. Z. | 8411190454 | 50-445 Q | ROWE, J. | 8411050117 | WASTE RES | SAUER, R. E. | 8411090456 | 27-48 |
| ROISMAN, A. Z. | 8411190504 | 50-445 Q | ROWE, J. | 8411050121 | WASTE RES | SAUER, R. E. | 8411090459 | 27-48 |
| ROISMAN, A. Z. | 8411190504 | 50-445 Q | ROWE, J. | 8411050126 | WASTE RES | SAUNDERS, R. F. | 8411060090 | 50-280 S |
| ROISMAN, A. Z. | 8411290334 | 50-445 Q | ROWE, J. | 8411050132 | WASTE RES | SAVAGE, E. N. | 8411070252* | XPORTLIC |
| ROISMAN, A. Z. | 8411290334 | 50-445 Q | ROWE, J. | 8411050163 | WASTE RES | SAVAGE, E. N. | 8411070269* | XPORTLIC |
| ROLO, J. R. | 8411060556* | WASTE RES | ROWE, J. | 8411050169 | WASTE RES | SAVINI, R. J. | 8411190092 | FOIA |
| ROMAN, T. W. | 8411140324 | 50-220 R | ROWE, J. | 8411050173 | WASTE RES | SAWOSKA, H. J. | 8411080502* | CONTRACT |
| ROMAN, T. W. | 8411160129 | 50-220 Q | ROWE, J. | 8411050180 | WASTE RES | SCARANO, R. A. | 8411050285 | 50-528 Q |
| ROMBERG, W. D. | 8411190200 | 50-336 S | ROWE, J. | 8411050189 | WASTE RES | SCARANO, R. A. | 8411270090 | 50-312 F |
| ROMBERG, W. D. | 8411190200 | 50-336 S | ROWE, J. | 8411050211 | WASTE RES | SCHIEDT, D. J. | 8411060596* | 50-322 T |
| ROMBOUGH, C. T. | 8411270307 | PR | ROWE, J. | 8411060272 | WASTE RES | SCHIEDT, D. J. | 8411060596* | 50-322 T |
| RONAFALVY, J. P. | 8411120094 | 50-272 R | ROWE, J. | 8411060317 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| RONAFALVY, J. P. | 8411120098* | 50-272 R | ROWE, J. | 8411060523 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| RONAFALVY, J. P. | 8411210325 | 50-272 R | ROWE, J. | 8411060526 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| RONAFALVY, J. P. | 8411210326 | 50-311 R | ROWE, J. | 8411070190 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| RODD, H. | 8411140303 | 50-361 F | ROWE, J. | 8411070192 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| RODNEY, V. L. | 8411160539 | 50-263 P | ROWE, J. | 8411070275 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| RODNEY, V. L. | 8411190155 | 50-263 P | ROWE, J. | 8411070290 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| RODNEY, V. L. | 8411200021 | 50-271 F | ROWE, J. | 8411080141 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| RODNEY, V. L. | 8411280465 | 50-263 P | ROWE, J. | 8411080152 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| RODNEY, V. L. | 8411290180 | 50-263 P | ROWE, J. | 8411080166 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| RODNEY, V. L. | 8411290624 | 50-263 P | ROWE, J. | 8411080244 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSEN, S. L. | 8404110125* | REVIEW CRP | ROWE, J. | 8411080264 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSENTHAL, A. S. | 8411210325 | 50-289 Q | ROWE, J. | 8411080286 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSENWALD, G. C. | 8411270048 | PR | ROWE, J. | 8411080582 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411030532 | WASTE RES | ROWE, J. | 8411080599 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411030535 | WASTE RES | ROWE, J. | 8411080601 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411030538 | WASTE RES | ROWE, J. | 8411080606 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411030542 | WASTE RES | ROWE, J. | 8411080623 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411030544 | WASTE RES | ROWE, J. | 8411090006 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060056 | WASTE RES | ROWE, J. | 8411090454 | WASTE RES | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060059 | WASTE RES | ROZAK, S. | 8411290394* | 50-255 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060067* | WASTE RES | RUITER, G. H. | 8411190334 | 50-305 R | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060089 | WASTE RES | RUNKLE, W. H. | 8411190274* | 50-348 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060091 | WASTE RES | RUNKLE, J. | 8411190320 | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060092 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060095* | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060102 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060114 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060119 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060138 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060143 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060147 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060164 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060169 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411060182 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411080075 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411080468* | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411090155 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411090165 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. | 8411090239 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. I. | 8411060189 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |
| ROSS, B. I. | 8411060189 | WASTE RES | RUNKLE, J. | 8411190341* | 50-400 Q | SCHIEDT, D. J. | 8411200254 | 50-322 Q |

PERSONAL AUTHOR INDEX

477

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------|---------------------|---------------------|------------------|---------------------|---------------------|-----------------|---------------------|---------------------|
| SCHWENCER, A. | 8411030343 | 50-374 P | SHAFER, W. D. | 8411130436 | 50-295 Q | SIMMONS, G. E. | 8411200186* | 50-400 G |
| SCHWENCER, A. | 8411030485 | 50-458 G | SHAFER, W. D. | 8411130484 | 50-254 Q | SIMPSON, E. C. | 8411060152 | 50-302 G |
| SCHWENCER, A. | 8411050159 | 50-410 C | SHAFER, W. D. | 8411160267 | 50-346 S | SINCLAIR, R. B. | 8411130636 | 50-280 P |
| SCHWENCER, A. | 8411140159 | 50-458 F | SHAFER, W. D. | 8411210423 | 50-346 Q | SINGH, M. M. | 8411080365 | WASTE RES |
| SCHWENCER, A. | 8411150144 | 50-322 A | SHAFER, W. D. | 8411210427* | 50-346 Q | SINGH, M. M. | 8411080480 | WASTE RES |
| SCHWENCER, A. | 8411160459 | 50-410 A | SHAFER, W. D. | 8411210435 | 50-255 Q | SINGH, M. M. | 8411080532 | WASTE RES |
| SCHWENCER, A. | 8411160473 | 50-410 A | SHAFER, W. D. | 8411260052 | 50-305 Q | SINGH, M. M. | 8411090057 | WASTE RES |
| SCHWENCER, A. | 8411160492 | 50-458 A | SHAFER, W. D. | 8411270418 | 50-10 Q | SINGH, M. M. | 8411090069 | WASTE RES |
| SCHWENCER, A. | 8411160494* | 50-352 P | SHAFER, W. D. | 8411290419* | 50-10 Q | SINGLEY, P. T. | 8411160596* | 40-2259 |
| SCHWENCER, A. | 8411160552 | 50-458 E | SHANBAKY, M. | 8411010024* | 50-286 Q | SINKIN, L. | 8411170396 | 50-498 H |
| SCHWENCER, A. | 8411200075 | 50-354 E | SHANBAKY, M. M. | 8411200145* | 50-247 Q | SINKIN, L. | 8411290376* | 50-498 G |
| SCHWENCER, A. | 8411200076 | 50-387 P | SHANBAKY, M. M. | 8411230615* | 50-57 Q | SKINNER, P. H. | 8411140148* | 50-413 G |
| SCHWENCER, A. | 8411200078* | 50-354 E | SHANBAKY, M. M. | 8411260080* | 50-272 Q | SLABACK, L. A. | 8411140243 | REGO |
| SCHWENCER, A. | 8411200138 | 50-458 A | SHANBAKY, M. M. | 8411210464* | 50-334 Q | SLEMMONS, D. B. | 8411260612* | 50-275 P |
| SCHWENCER, A. | 8411200140 | 50-410 F | SHANK, K. E. | 8411210070 | 50-387 R | SMEDIRA, C. | 8411160221 | 71-9073 |
| SCHWENCER, A. | 8411200363 | 50-373 P | SHANKS, V. J. | 8411190588 | 50-483 S | SMEENGE, R. J. | 8411160168* | 50-315 G |
| SCHWENCER, A. | 8411200368* | 50-373 P | SHAPIRO, R. E. | 8411260002 | 50-354 Q | SMITH, D. | 8411060613 | 50-259 S |
| SCHWENCER, A. | 8411200429 | 50-458 A | SHAUB, E. T. | 8411030200* | 50-277 Q | SMITH, D. | 8411170594 | 50-296 S |
| SCHWENCER, A. | 8411200487 | 50-461 Q | SHAUB, E. T. | 8411160046* | 50-277 Q | SMITH, D. H. | 8411060183 | 50-456 S |
| SCHWENCER, A. | 8411210192 | 50-354 A | SHAUB, E. T. | 8411160147* | 50-352 Q | SMITH, D. H. | 8411070036 | 50-454 A |
| SCHWENCER, A. | 8411210329 | 50-388 P | SHAUB, E. T. | 8411290615* | 50-289 Q | SMITH, D. H. | 8411120140 | 50-456 S |
| SCHWENCER, A. | 8411210330* | 50-388 P | SHEA, A. C. | 8411210336* | CONTRACT | SMITH, D. H. | 8411200158 | 50-456 S |
| SCHWENCER, A. | 8411210392 | 50-354 A | SHEALY, H. G. | 8411290660* | WASTE MGT | SMITH, D. H. | 8411200368 | 50-456 S |
| SCHWENCER, A. | 8411260096 | 50-387 P | SHEDLOSKY, J. T. | 8411030309* | 50-245 Q | SMITH, D. H. | 8411210077 | 50-456 S |
| SCHWENCER, A. | 8411260103* | 50-387 P | SHEDLOSKY, J. T. | 8411200220 | 50-336 S | SMITH, D. H. | 8411210255 | 50-456 S |
| SCHWENCER, A. | 8411280235 | 50-461 A | SHEAR, R. E. | 8411120022 | 70-1100 | SMITH, F. | 8411050312 | PR |
| SCHWENCER, A. | 8411280264 | 50-354 A | SHELL, R. H. | 8411140209 | 50-327 P | SMITH, G. C. | 8411050368 | 50-352 S |
| SCHWENCER, A. | 8411280437 | 50-461 A | SHELL, R. H. | 8411150036 | 50-390 Q | SMITH, G. C. | 8411070147* | 50-272 Q |
| SCHWENCER, A. | 8411280544 | 50-392 E | SHEPPARD, J. J. | 8411010496* | REVIEW ORP | SMITH, G. L. | 8411270536 | 50-249 S |
| SCHWENCER, A. | 8411280571 | 50-410 E | SHERMAN, C. I. | 8411160348* | 50-397 Q | SMITH, I. W. | 8411010351 | 50-389 M |
| SCHWENCER, A. | 8411280593 | 50-352 Q | SHERR, T. S. | 8411010071 | 70-754 | SMITH, I. W. | 8411050441 | 50-454 Q |
| SCINTO, J. F. | 8411070060* | 50-443 Q | SHIFFER, J. | 8411050073 | 50-275 P | SMITH, J. C. | 8411160639 | 40-6622 |
| SCOP, J. C. | 8411050281 | PRM | SHIFFER, J. D. | 8411010263* | 50-275 Q | SMITH, J. D. | 8411080079* | 50-113 Q |
| SCOTT, A. E. | 8411200027 | 50-261 R | SHIFFER, J. D. | 8411090225 | 50-275 P | SMITH, J. M. | 8411120313* | 50-440 S |
| SCOTT, D. J. | 8411010088 | 50-10 F | SHIFFER, J. D. | 8411090259 | 50-275 P | SMITH, J. M. | 8411120319* | 50-440 S |
| SCOTT, D. J. | 8411010363 | 50-10 F | SHIFFER, J. D. | 8411140169 | 50-275 P | SMITH, J. M. | 8411120353* | 50-440 S |
| SCOTT, D. J. | 8411010374 | 50-10 S | SHIFFER, J. D. | 8411150035 | 50-323 E | SMITH, J. M. | 8411120361* | 50-440 S |
| SCOTT, D. J. | 8411050428 | 50-249 S | SHIFFER, J. D. | 8411150076 | 50-323 A | SMITH, J. M. | 8411120369* | 50-440 S |
| SCOTT, D. J. | 8411060308 | 50-10 R | SHIFFER, J. D. | 8411150090 | 50-275 P | SMITH, M. | 8411290659* | 50-373 Q |
| SCOTT, D. J. | 8411120117 | 50-237 S | SHIFFER, J. D. | 8411150100 | 50-323 A | SMITH, P. A. | 8411060241* | CONTRACT |
| SCOTT, D. J. | 8411160337 | 50-237 S | SHIFFER, J. D. | 8411200310 | 50-275 Q | SMITH, P. A. | 8411080510* | CONTRACT |
| SCOTT, D. J. | 8411160396 | 50-249 S | SHIFFER, J. D. | 8411260341 | 50-275 P | SMITH, P. A. | 8411090493* | CONTRACT |
| SCOTT, D. J. | 8411160418 | 50-249 S | SHIFFER, J. D. | 8411270289 | 50-275 P | SMITH, P. A. | 8411140601 | CONTRACT |
| SCOTT, D. J. | 8411200018 | 50-10 R | SHIFFER, J. D. | 8411280329 | 50-275 P | SMITH, P. D. | 8411080179 | WASTE RES |
| SCOTT, D. J. | 8411200151 | 50-237 P | SHIFFER, J. D. | 8411290028 | 50-275 P | SMITH, P. D. | 8411140107 | NUREG |
| SCOTT, D. J. | 8411200537 | 50-237 S | SHIPWAY, G. D. | 8411200395* | 50-280 F | SMITH, R. | 8411030084* | 50-482 Q |
| SCOTT, D. J. | 8411270002 | 50-249 S | SHIRAKAWA, T. | 8411260258 | XPORTRIC | SMITH, R. | 8411030332* | 50-482 Q |
| SCOTT, D. J. | 8411270536 | 50-249 S | SHIVER, A. W. | 8411130735 | NUREG | SMITH, R. | 8411060361* | 50-313 Q |
| SCOTT, D. J. | 8411290262 | 50-249 S | SHOEMAKER, C. J. | 8411140485 | 50-498 Q | SMITH, R. | 8411260271* | 50-482 Q |
| SEAMANS, T. | 8411080398 | WASTE RES | SHOEMAKER, C. J. | 8411150297 | 50-392 Q | SMITH, R. D. | 8411070262 | 40-8602 |
| SEAMANS, T. L. | 8411080030 | WASTE RES | SHOEMAKER, C. J. | 8411200196 | 50-445 Q | SMITH, R. D. | 8411070268 | 40-6622 |
| SEAMANS, T. L. | 8411080088 | WASTE RES | SHOEMAKER, C. J. | 8411200263 | 50-445 Q | SMITH, R. D. | 8411070271* | 40-6622 |
| SEARS, C. F. | 8411080291 | WASTE RES | SHOEMAKER, C. J. | 8411210414 | 50-338 Q | SMITH, R. D. | 8411070291 | 40-2259 |
| SEARS, C. F. | 8411010190* | 50-245 Q | SHOEMAKER, C. J. | 8411210482 | 50-362 Q | SMITH, R. D. | 8411070295* | 40-8602 |
| SEARS, C. F. | 8411010190* | 50-245 Q | SHOEMAKER, C. J. | 8411260006 | 50-352 Q | SMITH, R. D. | 8411070299 | 40-8452 |
| SEARS, C. F. | 8411010335 | 50-213 P | SHOEMAKER, C. J. | 8411260046 | 50-289 Q | SMITH, R. D. | 8411070304* | 40-8452 |
| SEARS, C. F. | 8411030348 | 50-336 Q | SHOEMAKER, C. J. | 8411260087 | 50-352 Q | SMITH, R. D. | 8411070316* | 40-2259 |
| SEARS, C. F. | 8411030348 | 50-336 Q | SHOEMAKER, C. J. | 8411270222 | 50-498 Q | SMITH, R. D. | 8411070349 | 40-8692 |
| SEARS, C. F. | 8411140144 | 50-213 P | SHOEMAKER, C. J. | 8411270226 | 50-352 Q | SMITH, R. D. | 8411080164 | 40-8781 |
| SEARS, C. F. | 8411190403 | 50-213 P | SHOEMAKER, C. J. | 8411270385 | 50-352 Q | SMITH, R. D. | 8411080168 | 40-8663 |
| SEARS, C. F. | 8411190416 | 50-245 P | SHOEMAKER, C. J. | 8411290344 | 50-498 Q | SMITH, R. D. | 8411080396 | 40-8728 |
| SEARS, C. F. | 8411190416 | 50-245 P | SHOLLY, S. C. | 8411290181 | FOIA | SMITH, R. D. | 8411080412 | 40-6622 |
| SEARS, C. F. | 8411190438 | 50-213 P | SHOLLY, S. C. | 8411290189 | 50-447 A | SMITH, R. D. | 8411080415* | 40-6622 |
| SEARS, C. F. | 8411270226 | 50-423 F | SHOLLY, S. C. | 8411290543 | FOIA | SMITH, R. D. | 8411080490 | 40-8783 |
| SEARS, C. F. | 8411270226 | 50-423 F | SHOPENN, N. M. | 8411080008 | 40-8698 | SMITH, R. D. | 8411080537 | 40-6659 |
| SEARS, C. F. | 8411280576 | 50-423 S | SHUPE, M. W. | 8411190407* | FOIA | SMITH, R. D. | 8411080544* | 40-6659 |
| SEARS, C. F. | 8411280576 | 50-423 S | SHUPE, M. W. | 8411190411* | FOIA | SMITH, R. D. | 8411090056 | 40-8084 |
| SEARS, P. M. | 8411130723* | QA779 | SHYLOCK, M. B. | 8411140312* | 50-390 Q | SMITH, R. D. | 8411090083* | 40-8084 |
| SELBY, J. D. | 8411130282* | 50-329 Q | SIEBER, J. D. | 8411270395 | 50-334 P | SMITH, R. M. | 8411260119 | 50-289 P |
| SELLS, D. E. | 8411140485 | 50-389 P | SIEGEL, B. | 8411060234 | 50-461 A | SMITH, R. M. | 8411260125 | 50-289 P |
| SELLS, D. E. | 8411200413 | 50-389 P | SIEGEL, B. L. | 8411290445* | 50-298 P | SMITH, R. M. | 8411290208* | FOIA |
| SENIOR, B. J. | 8411190424* | FOIA | SIEGEL, J. J. | 8411050226* | REVIEW ORP | SMITH, W. G. | 8411050521 | 50-316 S |
| SESSOMS, B. | 8411210314 | QA779 | SIEGEL, J. J. | 8411050226* | REVIEW ORP | SMITH, W. G. | 8411060180 | 50-316 S |
| SHABER, C. R. | 8411160466* | 50-410 A | SIEGEL, M. D. | 8411090045 | WASTE RES | SMITH, W. G. | 8411060328 | 50-315 S |
| SHACK, W. J. | 8411140028 | NUREG | SILBERG, J. E. | 8411290293 | 50-440 Q | SMITH, W. G. | 8411060329 | 50-316 S |
| SHACK, W. J. | 8411140111 | NUREG | SILLING, S. A. | 8411080442 | WASTE RES | SMITH, W. G. | 8411130006 | 50-315 S |
| SHAFER, W. | 8411060363 | 50-282 S | SILVIS, R. M. | 8411050559 | CONTRACT | SMITH, W. G. | 8411130675 | 50-316 R |
| SHAFER, W. | 8411270285 | 50-374 S | SILVIS, R. M. | 8411120073 | CONTRACT | SMITH, W. G. | 8411160002 | 50-315 R |
| SHAFER, W. D. | 8411010036 | 50-295 Q | SILVIS, R. M. | 8411260554 | 50-387 X | SMITH, W. G. | 8411190321 | 50-315 S |
| SHAFER, W. D. | 8411010060* | 50-295 Q | SILVIS, R. M. | 8411270067 | 70-36 | SMITH, W. G. | 8411280092 | 50-316 S |
| SHAFER, W. D. | 8411130340 | 50-315 Q | SILVIS, R. M. | 8411280376 | 50-259 X | SMITH, W. G. | 8411290397 | 50-316 S |
| SHAFER, W. D. | 8411130370 | 50-254 Q | SILVIS, R. M. | 8411280386 | CONTRACT | SNYKOWSKI, S. | 8411090439 | WASTE MGT |
| SHAFER, W. D. | 8411130375* | 50-254 Q | SILVIS, R. M. | 8411280389 | CONTRACT | SNELL, W. | 8411290659* | 50-373 Q |
| SHAFER, W. D. | 8411130387 | 50-264 Q | SINAN-TOV, I. | 8411130696 | NUREG | SNELL, W. G. | 8411080607* | 50-440 Q |
| SHAFER, W. D. | 8411130392* | 50-264 Q | SIMON, M. H. | 8411010654* | 50-498 Q | SNIEZEK, J. | 8411130085 | REVIEW ORP |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|------------------|
| SNOW, B. A. | 8411140430 | 50-244 R | STANDERFER, F. R. | 8411140381 | 50-320 P | STEWART, W. L. | 8411200028 | 50-338 F |
| SNOW, C. T. | 8411010242 | 50-280 P | STANDERFER, F. R. | 8411150075 | 50-320 F | STEWART, W. L. | 8411200391 | 50-280 F |
| SNYDER, B. J. | 8411080499 | 50-320 P | STANDERFER, F. R. | 8411160303 | 50-320 Q | STEWART, W. L. | 8411260294 | 50-338 Q |
| SNYDER, B. J. | 8411130745 | 50-320 P | STANDERFER, F. R. | 8411190383 | 50-320 P | STEWART, W. L. | 8411260345 | 50-280 F |
| SNYDER, H. L. | 8411210316 | 71-306 | STANDERFER, F. R. | 8411190513 | 50-320 P | STEWART, W. L. | 8411260380 | 50-280 P |
| SOKOL, D. | 8311290006 | WASTE RES | STANDERFER, F. R. | 8411190522* | 50-320 P | STEWART, W. L. | 8411270174 | PR |
| SOD, P. | 8411080095 | WASTE RES | STANDERFER, F. R. | 8411210381 | 50-320 S | STEWART, W. L. | 8411280274 | 50-338 P |
| SOD, P. | 8411080115 | WASTE RES | STANDERFER, F. R. | 8411210476 | 50-320 S | STICKLEY, T. H. | 8411160466* | 50-410 A |
| SOD, P. | 8411080132* | WASTE RES | STANDERFER, F. R. | 8411260387 | 50-320 R | STICKNEY, R. R. | 8411070103* | 50-397 V |
| SOD, P. | 8411080206* | WASTE RES | STANDERFER, F. R. | 8411280268 | 50-320 P | STIETZEL, J. F. | 8411060180 | 50-316 S |
| SOD, P. | 8411080293 | WASTE RES | STANDERFER, F. R. | 8411280334 | 50-320 S | STODDART, P. G. | 8411140144* | 50-324 Q |
| SOD, P. | 8411080673 | WASTE RES | STANDERFER, F. R. | 8411280563 | 50-320 S | STOHR, J. P. | 8411010131 | 70-143 |
| SOD, P. | 8411090447 | WASTE RES | STANLEY, R. W. | 8411280475 | 50-387 S | STOHR, J. P. | 8411010311 | 70-1113 |
| SORENSEN, G. C. | 8411070098 | 50-397 V | STAPLETON, B. W. | 8411060139* | 50-440 Q | STOHR, J. P. | 8411130551 | 70-1201 |
| SORENSEN, G. C. | 8411120257 | 50-308 A | STARASINIC, F. N. | 8411060419* | 50-352 T | STOHR, J. P. | 8411130561 | 70-824 |
| SORENSEN, G. C. | 8411190094* | 50-528 Q | STARMER, J. R. | 8411080154 | WASTE RES | STOHR, J. P. | 8411130741 | 70-27 |
| SORENSEN, G. C. | 8411190377 | 50-397 F | STARMER, R. J. | 8411080059 | WASTE RES | STOHR, J. P. | 8411130170 | 70-143 |
| SORENSEN, G. C. | 8411200173 | 50-397 P | STARMER, R. J. | 8411080056 | WASTE RES | STOHR, J. P. | 8411160009 | 70-27 |
| SORENSEN, G. C. | 8411200271 | PR | STARMER, R. J. | 8411080189 | WASTE RES | STOHR, J. P. | 8411280289 | 70-1151 |
| SORENSEN, G. C. | 8411200312 | REGED | STARMER, R. J. | 8411080248 | WASTE RES | STOICK, A. F. | 8411070276 | 40-8663 |
| SORENSEN, G. C. | 8411200382 | 50-397 F | STARMER, R. J. | 8411080317 | WASTE RES | STOICK, A. F. | 8411070343 | 40-8663 |
| SORENSEN, G. C. | 8411210165 | 50-397 P | STARMER, R. J. | 8411080349 | WASTE RES | STOLZ, J. F. | 8411010155 | 50-313 P |
| SORENSEN, G. C. | 8411290108 | 50-508 A | STARMER, R. J. | 8411080401 | WASTE RES | STOLZ, J. F. | 8411050135 | 50-289 P |
| SORRELL, E. C. | 8411120245 | 50-321 F | STARMER, R. J. | 8411090417 | WASTE RES | STOLZ, J. F. | 8411050301 | 50-321 P |
| SORRELL, E. C. | 8411160307 | 50-321 F | STAROSTECKI, R. | 8411020192 | 50-244 Q | STOLZ, J. F. | 8411050304 | 50-289 V |
| SPANENBERG, F. | 8410110247 | 50-461 A | STAROSTECKI, R. | 8411020248 | 50-387 Q | STOLZ, J. F. | 8411060539 | 50-321 P |
| SPANENBERG, F. | 84101010127 | 50-461 F | STAROSTECKI, R. | 8411030093 | 50-352 Q | STOLZ, J. F. | 8411060558 | 50-277 P |
| SPANENBERG, F. | 8411020188 | 50-461 G | STAROSTECKI, R. | 8411030113 | 50-29 Q | STOLZ, J. F. | 8411080409 | 50-312 P |
| SPANENBERG, F. | 8411190308 | 50-461 A | STAROSTECKI, R. | 8411050100 | 50-277 P | STOLZ, J. F. | 8411120111* | 50-312 P |
| SPANENBERG, F. | 8411200126 | 50-461 E | STAROSTECKI, R. | 8411070163 | 50-247 Q | STOLZ, J. F. | 8411130206 | 50-277 Q |
| SPANENBERG, F. | 8411260071 | 50-461 A | STAROSTECKI, R. | 8411080049 | 50-272 Q | STOLZ, J. F. | 8411130212 | 50-289 H |
| SPANENBERG, F. | 8411260303 | 50-461 E | STAROSTECKI, R. | 8411090070 | 50-277 F | STOLZ, J. F. | 8411130283 | 50-346 P |
| SPANGLER, M. B. | 8411080656* | COMMISSION | STAROSTECKI, R. | 8411090359 | 50-199 Q | STOLZ, J. F. | 8411130739 | 50-313 P |
| SPANGLER, M. B. | 8411080658* | COMMISSION | STAROSTECKI, R. | 8411090418 | 50-277 Q | STOLZ, J. F. | 8411130740* | 50-313 P |
| SPARLING, D. K. | 8411160644 | 40-8681 | STAROSTECKI, R. | 8411120187 | 50-272 P | STOLZ, J. F. | 8411140121 | 50-313 P |
| SPECK, S. W. | 8411210259 | 50-322 F | STAROSTECKI, R. | 8411120283 | 50-289 Q | STOLZ, J. F. | 8411140397 | 50-321 P |
| SPECK, S. W. | 8411210282 | 50-275 F | STAROSTECKI, R. | 8411130035 | 50-423 Q | STOLZ, J. F. | 8411140335 | 50-313 P |
| SPENCE, M. D. | 8411060198 | 50-445 A | STAROSTECKI, R. | 8411140075 | 50-271 Q | STOLZ, J. F. | 8411140340* | 50-313 P |
| SPENCE, M. D. | 8411160367 | 50-445 A | STAROSTECKI, R. | 8411140199 | 50-271 Q | STOLZ, J. F. | 8411190604 | 50-289 P |
| SPENCE, M. D. | 8411260053 | 50-445 A | STAROSTECKI, R. | 8411140377* | 50-286 Q | STOLZ, J. F. | 8411190605* | 50-289 P |
| SPENCE, M. D. | 8411290348 | 50-445 G | STAROSTECKI, R. | 8411140445 | 50-170 Q | STOLZ, J. F. | 8411200032 | 50-321 P |
| SPESSARD, R. L. | 8411050260 | 50-315 Q | STAROSTECKI, R. | 8411160071 | 50-170 Q | STOLZ, J. F. | 8411200115 | 50-269 P |
| SPESSARD, R. L. | 8411050266* | 50-315 Q | STAROSTECKI, R. | 8411160103 | 50-336 Q | STOLZ, J. F. | 8411260609* | 50-312 P |
| SPESSARD, R. L. | 8411050439 | 50-483 Q | STAROSTECKI, R. | 8411160114 | 50-320 Q | STONE, D. | 8411060629* | 50-352 Q |
| SPESSARD, R. L. | 8411050490* | 50-483 Q | STAROSTECKI, R. | 8411160243 | 50-289 Q | STONE, D. | 8411060631* | 50-352 Q |
| SPESSARD, R. L. | 8411060214 | 50-341 Q | STAROSTECKI, R. | 8411190599 | 50-219 Q | STONE, L. D. | 8411120334* | 50-440 S |
| SPESSARD, R. L. | 8411060524 | 50-454 Q | STAROSTECKI, R. | 8411200179 | 50-387 Q | STONE, D. | 8411060625* | 50-352 Q |
| SPESSARD, R. L. | 8411060545 | 50-454 Q | STAROSTECKI, R. | 8411200274 | 50-272 Q | STRAKA, M. | 8411050247 | PR |
| SPESSARD, R. L. | 8411060548* | 50-454 Q | STAROSTECKI, R. | 8411210060 | 50-309 Q | STRASHA, J. | 8411260281 | 50-454 S |
| SPESSARD, R. L. | 8411120196 | 50-266 Q | STAROSTECKI, R. | 8411260422 | 50-309 Q | STRASHA, J. | 8411260290 | 50-454 S |
| SPESSARD, R. L. | 8411130190 | 50-454 Q | STAROSTECKI, R. | 8411270316 | 50-20 Q | STRASHA, J. | 8411270359 | 50-263 S |
| SPESSARD, R. L. | 8411130537 | 50-454 Q | STAROSTECKI, R. | 8411290518 | 50-293 Q | STRAUBE, P. H. | 8411200045 | 50-346 S |
| SPESSARD, R. L. | 8411160227 | 50-346 P | STAUTER, J. C. | 8411130540 | 40-8027 | STREETER, J. | 8411260281 | 50-454 S |
| SPESSARD, R. L. | 8411160397 | 50-341 Q | STAUTER, J. C. | 8411270085 | PRM | STREETER, J. | 8411260290 | 50-454 S |
| SPESSARD, R. L. | 8411160400* | 50-341 Q | STEFANO, J. J. | 8411030319 | 50-440 A | STREETER, J. F. | 8411060310 | 50-454 Q |
| SPESSARD, R. L. | 8411190501 | 50-483 Q | STEIN, S. R. | 8411050077* | 50-458 Q | STREETER, J. F. | 8411060316* | 50-454 Q |
| SPESSARD, R. L. | 8411200199 | 50-454 Q | STEINBACH, S. E. | 8411140396 | PR | STREETER, J. F. | 8411200134 | 50-454 P |
| SPINDEL, A. | 8411050149 | PR | STELLO, V. | 8404130388 | REVIEW QRP | STRENGE, D. L. | 8411290570* | FOIA |
| SPRAUL, J. | 8411160147* | 50-352 Q | STELLO, V. | 8408070081 | REVIEW QRP | STROSNIDER, J. | 8411030440* | 50-322 Q |
| SPRAUL, J. | 8411260292* | 50-271 Q | STELLO, V. | 8411010500* | REVIEW QRP | STROSNIDER, J. | 8411130128* | 50-354 Q |
| SPRAUL, J. | 8411270113* | 50-272 Q | STELLO, V. | 8411190571 | REVIEW QRP | STROSNIDER, J. | 8411200194* | 50-387 Q |
| SPRAUL, J. | 8411290615* | 50-289 Q | STELLO, V. | 8411260066 | 50-289 P | STROSNIDER, J. | 8411260372* | 50-354 Q |
| SQUARER, D. | 8411210122* | REVIEW QRP | STELLO, V. | 8411260070 | 50-289 P | STROSNIDER, J. | 8411270160* | 50-322 Q |
| ST LAURENT, N. N. | 8411060576 | 50-29 S | STEPHENS, K. W. | 8411080437 | WASTE RES | STROSNIDER, J. | 8411290283* | 50-322 Q |
| ST LAURENT, N. N. | 8411130174 | 50-29 S | STERN, D. | 8411270242 | 50-333 J | STROSNIDER, J. | 8411290423* | 50-387 Q |
| ST LAURENT, N. N. | 8411190118 | 50-29 S | STETKA, T. F. | 8411130632* | 50-302 Q | STRUCKMEYER, R. | 8411160080* | 50-272 Q |
| ST LAURENT, N. N. | 8411210485 | 50-29 S | STEVENS, D. W. | 8411080637 | WASTE MGT | STURZ, F. | 8411130027 | 50-280 Y |
| ST LAURENT, N. N. | 8411290460 | 50-29 S | STEWART, A. L. | 8411190295 | 50-280 Y | SUBUDHI, M. | 8411130582 | NUREG |
| ST MARY, F. | 8411190382* | FOIA | STEWART, D. | 8411190128 | 50-335 S | SUERMANN, J. F. | 8411130274* | 50-10 Q |
| STADLER, J. W. | 8411210219* | CONTRACT | STEWART, S. | 8411070340 | CONTRACT | SUGARMAN, A. C. | 8411130674 | NUREG |
| STALLMANN, F. W. | 8411280229 | NUREG | STEWART, S. D. | 8411080498 | CONTRACT | SUGARMAN, R. J. | 8411140011* | 50-352 Q |
| STANDERFER, F. R. | 8411020119 | 50-320 P | STEWART, S. D. | 8411160530 | CONTRACT | SUGARMAN, R. J. | 8411140014* | 50-352 Q |
| STANDERFER, F. R. | 8411050397 | 50-320 P | STEWART, W. L. | 8411010242 | 50-280 P | SUGARMAN, R. J. | 8411140017* | 50-352 Q |
| STANDERFER, F. R. | 8411060177 | 50-320 S | STEWART, W. L. | 8411050403 | 50-338 P | SUGARMAN, R. J. | 8411140268 | 50-352 P |
| STANDERFER, F. R. | 8411060372 | 50-320 P | STEWART, W. L. | 8411080203 | 50-338 P | SUGARMAN, R. J. | 8411150333 | 50-352 Q |
| | 390 | 50-320 P | STEWART, W. L. | 8411080216 | 50-280 P | SUGARMAN, R. J. | 8411150335 | 50-352 Q |
| | 543 | 50-320 S | STEWART, W. L. | 8411080258 | 50-339 Q | SUGARMAN, R. J. | 8411200298 | 50-352 Q |
| | 552 | 50-320 S | STEWART, W. L. | 8411080285 | 50-280 Q | SUGARMAN, R. J. | 8411200298 | 50-352 Q |
| | 146 | 50-320 P | STEWART, W. L. | 8411140105* | 50-338 Q | SUGARMAN, R. J. | 8411210103 | 50-352 Q |
| | 112 | 50-320 P | STEWART, W. L. | 8411140314 | 50-338 R | SUGARMAN, R. J. | 8411270362 | 50-352 P |
| | 50-320 P | | STEWART, W. L. | 8411150030 | 50-338 P | SULLIVAN, B. J. | 8411130416 | 50-318 S |
| | 50-320 Q | | STEWART, W. L. | 8411150338 | 50-280 R | SULLIVAN, T. | 8411090451 | WASTE RES |
| | 50-320 Q | | STEWART, W. L. | 8411160052 | 50-338 F | SUMMERS, R. J. | 8411070147* | 50-272 Q |
| | 50-320 P | | STEWART, W. L. | 8411160276 | 50-339 P | SUMMERS, R. J. | 8411200286* | 50-272 Q |
| | 50-320 P | | STEWART, W. L. | 8411190303 | 50-280 P | SURRATT, B. | 8411200336 | PR |

PERSONAL AUTHOR INDEX

479

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|
| SVENSSON, B. A. | 8411160002 | 50-315 R | THOMAS, S. D. | 8411080468* | WASTE RES | TREBY, S. A. | 8411010398 | 50-445 Q |
| SWAMY, S. A. | 8411010245* | 50-282 P | THOMASON, P. V. | 8411130220 | 50-298 S | TREBY, S. A. | 8411260004 | 50-445 Q |
| SWAN, W. B. | 8411140312* | 50-390 Q | THOMASON, P. V. | 8411130678 | 50-298 R | TREMPER, L. | 8102260780* | FOIA |
| SWANGER, L. A. | 8411060585* | 50-322 Q | THOMASON, P. V. | 8411190430 | 50-298 S | TRIMBLE, D. C. | 8411270299* | 50-317 Q |
| SWANSON, N. E. | 8411070129 | QA999 | THOMASON, P. V. | 8411290107 | 50-298 F | TRIDLO, S. | 8410120129* | 50-277 Q |
| SHARD, R. W. | 8411270044 | PR | THOMPSON, B. A. | 8411010313 | 50-322 Q | TRIDLO, S. J. | 8410030608* | 50-309 Q |
| SHARTZ, E. D. | 8411200128 | 50-454 P | THOMPSON, D. | 8411290235* | FOIA | TRIPP | 8411140177 | 50-271 S |
| SHELL, H. M. | 8411070310* | CONTRACT | THOMPSON, H. L. | 8306170119 | 50-289 P | TRIPP, L. | 8411270335* | 50-293 Q |
| SHIFT, J. M. | 8411280351* | 50-241 P | THOMPSON, H. L. | 8306240357 | 50-289 P | TRIPP, L. | 8411290233* | 50-293 Q |
| SHIGER, M. A. | 8411060376 | 50-440 Q | THOMPSON, H. L. | 8310120423 | 50-289 P | TRIPP, L. E. | 8411020146* | 50-271 Q |
| SHIGER, M. A. | 8411060376 | 50-440 Q | THOMPSON, H. L. | 8411260137 | 50-289 P | TRIPP, L. E. | 8411060483* | 50-412 Q |
| SYKES, K. | 8411160396 | 50-249 S | THOMPSON, M. C. | 8411020543* | 50-275 Q | TRIPP, L. E. | 8411140237* | 50-271 Q |
| SYNAR, M. | 8411080571 | WASTE MGT | THOMPSON, R. D. | 8411050560* | CONTRACT | TRIVELPIECE, A. | 8411050333 | PR |
| SZUKIEWICZ, A. J. | 8411160016* | 50-322 G | THOMPSON, R. D. | 8411120081* | CONTRACT | TROJANOWSKI, R. | 8411060375 | 1&E |
| SZUKIEWICZ, A. J. | 8411190007* | 50-322 G | THOMPSON, R. D. | 8411260563* | 50-387 X | TROUP, G. L. | 8411140598* | 50-413 Q |
| TALBOT, R. | 8411050275 | WASTE RES | THOMPSON, R. D. | 8411270082* | 70-36 | TROWBRIDGE, G. F. | 8411020333 | 50-289 Q |
| TALNAGI, J. W. | 8411050323 | PR | THOMPSON, R. D. | 8411280386* | 50-259 X | TROWBRIDGE, G. F. | 8411020333 | 50-289 Q |
| TAM, P. S. | 8411280258 | 50-334 P | THOMPSON, R. D. | 8411280590* | CONTRACT | TROWBRIDGE, G. F. | 8411020545* | 50-289 Q |
| TAM, P. S. | 8411280351* | 50-334 P | THOMPSON, R. D. | 8411280591* | CONTRACT | TROWBRIDGE, G. F. | 8411020545* | 50-289 Q |
| TAMANINI, H. C. | 8411010316 | 50-352 F | THOMPSON, S. L. | 8411140102 | NUREG | TROWBRIDGE, G. F. | 8411070236 | 50-424 Q |
| TAMANINI, H. C. | 8411030595 | 50-352 F | THONUS, L. | 8411160125* | 50-320 Q | TROWBRIDGE, G. F. | 8411070236 | 50-424 Q |
| TANI, K. | 8411060082* | 50-456 Q | THORGERSEN, J. G. | 8411130165 | 50-305 S | TROWBRIDGE, G. F. | 8411090468 | 50-289 Q |
| TANT, K. S. | 8411200106* | 50-461 Q | THORGERSEN, J. G. | 8411280554 | 50-305 S | TROWBRIDGE, G. F. | 8411090468 | 50-289 Q |
| TAPEY, C. G. | 8411190284* | FOIA | THORNBERY, R. C. | 8411290067 | 50-275 R | TROWBRIDGE, G. F. | 8411090475 | 50-289 Q |
| TAYLOR, D. F. | 8411060405* | 50-352 T | THORPE, J. R. | 8311020294 | 50-289 P | TROWBRIDGE, G. F. | 8411090475 | 50-289 Q |
| TAYLOR, J. A. | 8411280356 | 50-280 S | THORPE, J. R. | 8411260068 | 50-289 Q | TROWBRIDGE, G. F. | 8411150236 | 50-424 Q |
| TAYLOR, J. H. | 8411070148 | TOPREP | THULL, T. S. | 8411190093 | 50-245 S | TROWBRIDGE, G. F. | 8411150236 | 50-424 Q |
| TAYLOR, J. M. | 8411010584 | 50-313 Q | THULL, T. S. | 8411190208 | 50-245 S | TSOULFANIDIS, N. | 8411050247 | PR |
| TAYLOR, J. M. | 8411010588* | 50-313 Q | THURBER, J. P. | 8411260002 | 50-354 Q | TUCKER, H. B. | 8411010116 | 50-413 F |
| TAYLOR, J. M. | 8411120262 | 50-321 Q | THURBER, J. P. | 8411260039 | 50-354 Q | TUCKER, H. B. | 8411010121 | 50-249 P |
| TAYLOR, J. M. | 8411200059 | 50-275 Q | TIKTINSKY, D. | 8411080007 | WASTE RES | TUCKER, H. B. | 8411010145 | 50-413 S |
| TAYLOR, J. M. | 8411210365 | 50-441 A | TIKTINSKY, D. | 8411080014 | WASTE RES | TUCKER, H. B. | 8411010262 | 50-413 P |
| TAYLOR, J. M. | 8411210368* | 50-441 A | TIKTINSKY, D. | 8411080105 | WASTE RES | TUCKER, H. B. | 8411010372 | 50-369 P |
| TAYLOR, J. M. | 8411210371* | 50-441 A | TIKTINSKY, D. | 8411080322 | WASTE RES | TUCKER, H. B. | 8411020198 | 50-369 P |
| TAYLOR, M. E. | 8411090206 | 50-483 S | TIKTINSKY, D. H. | 8411080009 | WASTE RES | TUCKER, H. B. | 8411020271 | 50-369 Q |
| TAYLOR, M. E. | 8411190088 | 50-483 S | TIKTINSKY, D. H. | 8411080055 | WASTE RES | TUCKER, H. B. | 8411030618 | 50-413 S |
| TAYLOR, M. E. | 8411260446 | 50-483 S | TIKTINSKY, D. H. | 8411080065 | WASTE RES | TUCKER, H. B. | 8411030626 | 50-370 S |
| TAYLOR, R. G. | 8411030373* | 50-482 Q | TIKTINSKY, D. H. | 8411080145 | WASTE RES | TUCKER, H. B. | 8411030308 | 50-269 P |
| TAYLOR, R. G. | 8411130497* | 50-482 Q | TIKTINSKY, D. H. | 8411080233 | WASTE RES | TUCKER, H. B. | 8411050363 | 50-369 P |
| TAYLOR, T. J. | 8411080546 | WASTE MGT | TIKTINSKY, D. H. | 8411080312 | WASTE RES | TUCKER, H. B. | 8411060128 | 50-413 S |
| TAYLOR, T. J. | 8411080626 | WASTE MGT | TIKTINSKY, D. H. | 8411080642 | WASTE RES | TUCKER, H. B. | 8411060427 | 50-413 P |
| TAYLOR, T. J. | 8411080652 | WASTE MGT | TIKTINSKY, D. H. | 8411090212 | WASTE RES | TUCKER, H. B. | 8411070028 | 50-249 F |
| TAYLOR, T. J. | 8411080680 | WASTE MGT | TIKTINSKY, D. H. | 8411090212 | WASTE RES | TUCKER, H. B. | 8411080043 | 50-249 Q |
| TAYLOR, T. J. | 8411090018 | WASTE MGT | TIKTINSKY, D. H. | 8411120288 | WASTE RES | TUCKER, H. B. | 8411080243 | 50-369 F |
| TEMPLE, O. M. | 8411070213* | 50-528 Q | TIMBERLAKE, D. R. | 8411070044* | 50-400 T | TUCKER, H. B. | 8411080300 | 50-369 Q |
| TEMUS, C. J. | 8411130646 | 71-9073 | TOBIN, W. J. | 8411260368* | 50-269 Q | TUCKER, H. B. | 8411080364 | 50-249 P |
| TEMUS, C. J. | 8411140322 | 71-9186 | TOMLINSON, D. P. | 8411280255* | 50-498 Q | TUCKER, H. B. | 8411080364 | 50-249 P |
| TEMUS, C. J. | 8411160503 | 71-9073 | TOMPKINS, B. A. | 8411080355 | 50-289 Q | TUCKER, H. B. | 8411090203 | 50-369 P |
| TENBUS, M. | 8411120348* | 50-440 S | TOMPKINS, B. A. | 8411080443 | 50-454 Q | TUCKER, H. B. | 8411090314 | 50-413 P |
| TENTEBOER, R. L. | 8411190596 | 50-251 S | TOMPKINS, B. A. | 8411060402 | 50-382 Q | TUCKER, H. B. | 8411130442 | 50-370 S |
| TERAO, D. | 8411070026* | 50-445 Q | TOMPKINS, B. A. | 8411060559 | 50-352 Q | TUCKER, H. B. | 8411130482 | 50-370 S |
| TERAO, D. | 8411070026* | 50-445 Q | TOMPKINS, B. A. | 8411060599 | 50-338 Q | TUCKER, H. B. | 8411140302 | 50-249 P |
| TERRELL, C. W. | 8411120147 | 50-112 R | TOMPKINS, B. A. | 8411090460 | 50-454 Q | TUCKER, H. B. | 8411140349 | 50-413 P |
| TERRILL, J. G. | 8411130505 | 40-7455 | TOOLE, R. | 8411060195 | 50-289 F | TUCKER, H. B. | 8411150005 | 50-369 Q |
| TERRILL, J. G. | 8411130507* | 40-7455 | TOTH, A. D. | 8411210136* | 50-397 Q | TUCKER, H. B. | 8411150038 | 50-369 P |
| TERRY, G. A. | 8411060154 | 70-734 | TOTTEN, M. | 8411290281 | FOIA | TUCKER, H. B. | 8411150070 | PR |
| TEUTEBOER, R. L. | 8411190312 | 50-250 S | TOURIGNY, E. G. | 8411160462 | 50-285 P | TUCKER, H. B. | 8411150078 | 50-413 P |
| TEUTEBOER, R. L. | 8411280145 | 50-251 S | TOUSLEY, D. R. | 8411120004 | WASTE MGT | TUCKER, H. B. | 8411150079 | 50-249 P |
| THACKER, R. | 8411160334 | 50-10 F | TOUSLEY, D. R. | 8411290611 | WASTE MGT | TUCKER, H. B. | 8411150107 | 50-413 E |
| THADANI, M. C. | 8411010093 | 50-331 P | TOUSLEY, D. R. | 8411290611 | WASTE MGT | TUCKER, H. B. | 8411150141 | 50-413 F |
| THADANI, M. C. | 8411190064 | 50-331 P | TOWNSEND, B. L. | 8411210293 | CONTRACT | TUCKER, H. B. | 8411160186 | 50-413 S |
| THADANI, M. C. | 8411280443 | 50-331 P | TRALLO, R. A. | 8411090339* | 50-445 Q | TUCKER, H. B. | 8411160345 | 50-249 S |
| THEMELIS, J. G. | 8411090503 | WASTE MGT | TRAMM, T. R. | 8411070048 | 50-454 A | TUCKER, H. B. | 8411160394 | 50-414 S |
| THEOFANOUS, T. G. | 8411210145* | REVIEW GRP | TRAMM, T. R. | 8411070091 | 50-454 A | TUCKER, H. B. | 8411190069 | 50-414 S |
| THIMONS, E. D. | 8411080081 | WASTE RES | TRAMM, T. R. | 8411070096 | 50-454 F | TUCKER, H. B. | 8411190083 | 50-413 S |
| THIMONS, E. D. | 8411080504 | WASTE RES | TRAMM, T. R. | 8411070150 | 50-454 F | TUCKER, H. B. | 8411190512 | 50-414 Q |
| THOM, T. | 8411150296 | 50-259 R | TRAMM, T. R. | 8411090283 | 50-454 A | TUCKER, H. B. | 8411190557 | 50-413 P |
| THOMAS, B. T. | 8411020090* | CONTRACT | TRAMM, T. R. | 8411150168* | 50-454 F | TUCKER, H. B. | 8411200064 | 50-413 S |
| THOMAS, C. Q. | 8411010992 | 50-470 A | TRAMM, T. R. | 8411270295 | 50-454 P | TUCKER, H. B. | 8411200223 | 50-369 P |
| THOMAS, C. Q. | 8411060163* | 70-734 | TRAMM, T. R. | 8411270313 | 50-454 P | TUCKER, H. B. | 8411200452 | 50-413 S |
| THOMAS, C. Q. | 8411120103 | TOPREP | TRAMM, T. R. | 8411270424 | 50-454 Q | TUCKER, H. B. | 8411200565 | 50-369 S |
| THOMAS, C. Q. | 8411160353 | TOPREP | TRAMMELL, C. M. | 8411030546 | 50-344 S | TUCKER, H. B. | 8411200567 | 50-413 Q |
| THOMAS, C. Q. | 8411160383 | TOPREP | TRAMMELL, C. M. | 8411140084 | 50-344 P | TUCKER, H. B. | 8411210062 | 50-249 S |
| THOMAS, C. Q. | 8411210353 | 50-276 P | TRAMMELL, C. M. | 8411140424 | 50-344 P | TUCKER, H. B. | 8411210478 | 50-413 S |
| THOMAS, C. Q. | 8411210354* | 50-276 P | TRAMMELL, C. M. | 8411200456 | 50-344 P | TUCKER, H. B. | 8411260019 | 50-249 P |
| THOMAS, C. Q. | 8411280242 | 50-470 E | TRAPP, J. S. | 8411290665 | WASTE MGT | TUCKER, H. B. | 8411260031 | 50-413 P |
| THOMAS, C. Q. | 8411280384 | 50-151 F | TRAVERS, W. D. | 8411010078 | 50-320 R | TUCKER, H. B. | 8411260115 | 50-413 R |
| THOMAS, J. H. | 8411120082* | 50-320 Q | TRAVERS, W. D. | 8411060589 | 50-289 Q | TUCKER, H. B. | 8411260134 | 50-369 R |
| THOMAS, K. W. | 8411280136 | NUREG | TRAVERS, W. D. | 8411080613 | 50-320 R | TUCKER, H. B. | 8411260161 | 50-369 S |
| THOMAS, M. | 8411130539* | 50-259 Q | TRAVERS, W. D. | 8411120076 | 50-320 Q | TUCKER, H. B. | 8411260263 | 50-249 P |
| THOMAS, M. | 8411130539* | 50-259 Q | TRAVERS, W. D. | 8411130330 | 50-320 Q | TUCKER, H. B. | 8411260323 | 50-249 F |
| THOMAS, M. E. | 8411080395* | CONTRACT | TRAVERS, W. D. | 8411150318 | 50-320 P | TUCKER, H. B. | 8411270421 | 50-249 Q |
| THOMAS, R. D. | 8411070053 | 50-206 I | TRAVERS, W. D. | 8411190349 | 50-320 R | TUCKER, H. B. | 8411270423 | 50-369 P |
| THOMAS, R. D. | 8411130187* | 70-734 | TRAVERS, W. D. | 8411270837 | 50-320 R | TUCKER, H. B. | 8411280461 | 50-413 S |
| THOMAS, S. D. | 8411050093* | WASTE RES | TRAVIS, J. R. | 8411290160 | NUREG | TUCKER, H. B. | 8411290128 | 50-413 S |
| THOMAS, S. D. | 8411050239 | WASTE RES | TREBY, S. A. | 8411010320 | 50-445 Q | TUCKER, H. B. | 8411290357 | 50-413 S |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|
| WASTLER, S. L. | 8411070220 | 40-8745 | WESTAFER, G. R. | 8411190591 | 50-302 S | WILLETT, D. J. | 8411050395 | 50-397 S |
| WASTLER, S. L. | 8411070226 | 40-8745 | WESTAFER, G. R. | 8411260273 | 50-302 F | WILLETT, D. J. | 8411280016* | 50-397 G |
| WATKINS, M. | 8411090304 | 50-445 G | WESTAFER, G. R. | 8411260297 | 50-302 F | WILLIAMS, C. C. | 8411060082* | 50-456 G |
| WATKINS, M. | 8411090304 | 50-445 G | WESTAFER, G. R. | 8411260407 | 50-302 G | WILLIAMS, C. C. | 8411130197* | 50-454 G |
| WATKINS, M. | 8411090315* | 50-445 G | WESTAFER, G. R. | 8411290640 | 50-302 S | WILLIAMS, C. C. | 8411160313* | 50-456 G |
| WATKINS, M. | 8411090315* | 50-445 G | WESTBERG, R. | 8411050493* | 50-483 G | WILLIAMS, C. C. | 8411200106* | 50-461 G |
| WATKINS, M. | 8411090333 | 50-445 G | WESTBROOK, K. B. | 8411080190 | WASTE RES | WILLIAMS, D. | 8411060534* | 50-454 G |
| WATKINS, M. | 8411090333 | 50-445 G | WESTBROOK, K. B. | 8411080209 | WASTE RES | WILLIAMS, J. H. | 8411030309* | 50-245 G |
| WATKINS, M. | 8411130249 | 50-445 G | WESTERFIELD, A. | 8102190622* | FOIA | WILLIAMS, J. H. | 8411090429* | 50-277 G |
| WATKINS, M. | 8411130249 | 50-445 G | WHATLEY, S. K. | 8411080121 | WASTE RES | WILLIAMS, J. H. | 8411160300* | 50-277 G |
| WATKINS, M. | 8411200007 | 50-445 G | WHATLEY, S. K. | 8411080128 | WASTE RES | WILLIAMS, J. W. | 8404110136* | REVIEW GRP |
| WATKINS, M. | 8411200007 | 50-445 G | WHATLEY, S. K. | 8411080169 | WASTE RES | WILLIAMS, J. W. | 8411010353 | 50-335 P |
| WATKINS, M. | 8411200200 | 50-445 G | WHATLEY, S. K. | 8411080208 | WASTE RES | WILLIAMS, J. W. | 8411010422 | 50-250 S |
| WATKINS, M. | 8411200200 | 50-445 G | WHATLEY, S. K. | 8411080262 | WASTE RES | WILLIAMS, J. W. | 8411010428 | 50-251 S |
| WATKINS, M. | 8411200306 | 50-445 T | WHATLEY, S. K. | 8411080277 | WASTE RES | WILLIAMS, J. W. | 8411010639 | 50-335 S |
| WATKINS, M. | 8411200306 | 50-445 T | WHATLEY, S. K. | 8411080320 | WASTE RES | WILLIAMS, J. W. | 8411020212 | 50-250 F |
| WATKINS, M. | 8411200317 | 50-445 G | WHATLEY, S. K. | 8411080325* | WASTE RES | WILLIAMS, J. W. | 8411050217 | 50-335 P |
| WATKINS, M. | 8411200317 | 50-445 G | WHATLEY, S. K. | 8411080371 | WASTE RES | WILLIAMS, J. W. | 8411060208 | 50-335 F |
| WATKINS, M. | 8411260012 | 50-445 G | WHATLEY, S. K. | 8411080380* | WASTE RES | WILLIAMS, J. W. | 8411060325 | 50-325 F |
| WATKINS, M. | 8411260012 | 50-445 G | WHATLEY, S. K. | 8411080397 | WASTE RES | WILLIAMS, J. W. | 8411070113 | 50-250 S |
| WEBB, G. A. | 8411190431* | FOIA | WHATLEY, S. K. | 8411080414 | WASTE RES | WILLIAMS, J. W. | 8411080193 | 50-250 F |
| WEBSTER, C. S. | 8411290160 | NUREG | WHATLEY, S. K. | 8411080485 | WASTE RES | WILLIAMS, J. W. | 8411080268 | 50-389 G |
| WECHSELBERGER | 8411080207* | 50-289 G | WHATLEY, S. K. | 8411080676 | WASTE RES | WILLIAMS, J. W. | 8411090269 | 50-250 P |
| WECHSELBERGER | 8411090411* | 50-219 G | WHATLEY, S. K. | 8411090162 | WASTE RES | WILLIAMS, J. W. | 8411090344 | 50-389 P |
| WEEKS, E. D. | 8411130607 | 50-133 R | WHATLEY, S. K. | 8411090227 | WASTE RES | WILLIAMS, J. W. | 8411120113 | 50-250 F |
| WEGST, W. F. | 8411020210 | 50-142 F | WHATLEY, S. K. | 8411090395 | WASTE RES | WILLIAMS, J. W. | 8411120131 | 50-335 S |
| WEGST, W. F. | 8411130334 | 71-5942 | WHATLEY, S. K. | 8411090403 | WASTE RES | WILLIAMS, J. W. | 8411120363 | 50-389 P |
| WEGST, W. F. | 8411130411 | 71-522 | WHATLEY, S. K. | 8411090425 | WASTE RES | WILLIAMS, J. W. | 8411140007* | 50-250 G |
| WEGST, W. F. | 8411130459 | 71-5942 | WHATLEY, S. K. | 8411090434 | WASTE RES | WILLIAMS, J. W. | 8411140264 | 50-250 P |
| WEGST, W. F. | 8411210245 | 50-142 F | WHATLEY, S. K. | 8411090508 | WASTE RES | WILLIAMS, J. W. | 8411140273* | 50-250 P |
| WEINGART, L. J. | 8411070061* | 50-445 A | WHEATON, R. D. | 8411060309* | 50-445 G | WILLIAMS, J. W. | 8411140343 | 50-389 F |
| WEINKAM, E. J. | 8411010416 | 50-458 E | WHEATON, R. D. | 8411060309* | 50-445 G | WILLIAMS, J. W. | 8411140351 | I&E |
| WEINKAM, E. J. | 8411020257 | 50-458 A | WHIPPLE, S. | 8411140592 | 50-29 R | WILLIAMS, J. W. | 8411150139 | 50-250 R |
| WEINKAM, E. J. | 8411200381 | 50-458 E | WHITAKER, L. | 8411030122* | 50-29 G | WILLIAMS, J. W. | 8411160419 | 50-251 S |
| WEINKAM, E. J. | 8411200579 | 50-458 E | WHITAKER, L. | 8411090363* | 50-199 G | WILLIAMS, J. W. | 8411190128 | 50-335 S |
| WEINSTOCK, E. V. | 8411290250* | TOPREP | WHITAKER, L. | 8411130218* | 50-5 G | WILLIAMS, J. W. | 8411190289 | 50-389 P |
| WEISS, S. | 8411140339* | 50-261 G | WHITAKER, L. | 8411140448* | 50-170 G | WILLIAMS, J. W. | 8411190312 | 50-250 S |
| WEISS, E. R. | 8411060334 | 50-289 G | WHITAKER, L. | 8411160076* | 50-170 G | WILLIAMS, J. W. | 8411190447 | 50-250 P |
| WEISS, E. R. | 8411060334 | 50-289 G | WHITE, J. R. | 8411210464* | 50-334 G | WILLIAMS, J. W. | 8411190596 | 50-251 S |
| WEISS, E. R. | 8411150229 | 50-289 G | WHITE, M. | 8411080646 | WASTE MGT | WILLIAMS, J. W. | 8411200260 | 50-250 F |
| WEISS, E. R. | 8411190408 | 50-289 G | WHITE, M. G. | 8411080464 | WASTE MGT | WILLIAMS, J. W. | 8411260237 | 50-389 P |
| WEISS, E. R. | 8411200161 | 50-289 T | WHITENER, H. L. | 8411140171* | 50-288 G | WILLIAMS, J. W. | 8411260272 | 50-389 G |
| WEISS, E. R. | 8411200161 | 50-289 T | WHITMAN, D. | 8411050184 | 50-298 F | WILLIAMS, J. W. | 8411260339 | 50-250 G |
| WEISS, E. R. | 8411260025 | 50-289 T | WHITNEY, J. W. | 8411060241* | CONTRACT PR | WILLIAMS, J. W. | 8411280030 | 50-250 R |
| WEISS, E. R. | 8411260025 | 50-289 T | WHITMORE, H. L. | 8411070012* | CONTRACT PR | WILLIAMS, J. W. | 8411280145 | 50-251 S |
| WEISS, E. R. | 8411260025 | 50-289 G | WHITTIER, G. D. | 8411010111 | 50-309 P | WILLIAMS, J. W. | 8411280291 | 50-250 F |
| WEISS, E. R. | 8411270317 | 50-289 G | WHITTIER, G. D. | 8411020123 | 50-309 P | WILLIAMS, J. W. | 8411280305 | 50-389 S |
| WEISS, E. R. | 8411270317 | 50-289 G | WHITTIER, G. D. | 8411020174 | 50-309 G | WILLIAMS, N. | 8411070061* | 50-445 A |
| WEISS, R. | 8411060542* | 50-352 T | WHITTIER, G. D. | 8411070039 | 50-309 P | WILLIAMS, N. | 8411070072* | 50-445 A |
| WEISSEN, L. | 8411120313* | 50-440 S | WHITTIER, G. D. | 8411140441 | 50-309 R | WILLIAMS, N. H. | 8411060406 | 50-445 A |
| WEISSEN, L. R. | 8411120319* | 50-440 S | WHITTIER, G. D. | 8411190546 | 50-309 P | WILLIAMS, N. H. | 8411060416 | 50-445 A |
| WELLS, C. E. | 8411140197 | 50-346 F | WHITTIER, G. D. | 8411200242 | 50-309 P | WILLIAMS, N. H. | 8411060436 | 50-445 A |
| WELLS, R. D. | 8411060177 | 50-320 S | WHITTIER, G. D. | 8411210362 | 50-309 S | WILLIAMS, N. H. | 8411060450 | 50-445 A |
| WELLS, R. D. | 8411060343 | 50-320 S | WHITTIER, G. D. | 8411260425* | 50-309 G | WILLIAMS, N. H. | 8411060455 | 50-445 A |
| WELLS, R. D. | 8411060552 | 50-320 S | WHITTESEY, K. A. | 8411070133* | 50-382 G | WILLIAMS, N. H. | 8411060509 | 50-445 S |
| WELLS, R. D. | 8411210476 | 50-320 S | WICK, E. A. | 8411080037 | WASTE RES | WILLIAMS, N. H. | 8411060532 | 50-445 A |
| WELLS, R. D. | 8411280334 | 50-320 S | WICK, E. A. | 8411080192 | WASTE RES | WILLIAMS, N. H. | 8411070049 | 50-445 A |
| WELLS, R. W. | 8411290292 | TOPREP | WICK, E. A. | 8411080214 | WASTE RES | WILLIAMS, N. H. | 8411070054* | 50-445 A |
| WELLS, R. W. | 8411290292 | TOPREP | WICK, E. A. | 8411080627 | WASTE RES | WILLIAMS, N. H. | 8411080084 | 50-445 A |
| WEN, P. | 8411290615* | 50-289 G | WIDNER, T. E. | 8411210070 | 50-387 R | WILLIAMS, N. H. | 8411080091* | 50-445 A |
| WENSLAWSKI, F. A. | 8411010356 | 50-528 G | WIESEMANN, R. A. | 8411010251* | 50-282 P | WILLIAMS, N. H. | 8411190065 | 50-445 A |
| WENSLAWSKI, F. A. | 8411090363* | 50-312 G | WIESEMANN, R. A. | 8411120366* | 50-400 A | WILLIAMS, N. H. | 8411260349 | 50-445 A |
| WENSLAWSKI, F. A. | 8411090368 | 50-344 G | WIESEMANN, R. A. | 8411270402* | TOPREP | WILLIAMS, N. H. | 8411260410 | 50-445 A |
| WENSLAWSKI, F. A. | 8411120435 | 50-275 G | WIGGINS, E. | 8411020090* | CONTRACT | WILLIAMS, N. H. | 8411270334 | 50-445 A |
| WENSLAWSKI, F. A. | 8411130180 | 70-754 | WIGGINS, E. | 8411020230* | CONTRACT | WILLIAMS, N. H. | 8411270337* | 50-445 A |
| WENSLAWSKI, F. A. | 8411130187* | 70-754 | WIGGINS, E. | 8411120097* | CONTRACT | WILLIAMS, P. M. | 8411290668 | MISC |
| WENSLAWSKI, F. A. | 8411160342 | 50-397 G | WIGGINS, E. | 8411210336* | CONTRACT | WILLIAMS, R. | 8411030786 | WASTE RES |
| WENSLAWSKI, F. A. | 8411160407 | 50-308 G | WIGGINS, E. | 8411210339* | CONTRACT | WILLIAMS, R. E. | 8411030666 | WASTE RES |
| WENSLAWSKI, F. A. | 8411200224 | 50-89 G | WIGGINS, E. | 8411260139* | CONTRACT | WILLIAMS, R. E. | 8411030694 | WASTE RES |
| WENSLAWSKI, F. A. | 8411210167 | 50-397 G | WIGGINS, E. | 8411290148* | CONTRACT | WILLIAMS, R. E. | 8411030690 | WASTE RES |
| WENZINGER, E. | 8411090021 | 50-293 G | WIGGINS, J. T. | 8411130508* | 50-352 G | WILLIAMS, R. E. | 8411030711 | WASTE RES |
| WENZINGER, E. C. | 8411020130 | 50-271 G | WIGGINS, J. T. | 8411270369* | 50-352 G | WILLIAMS, R. E. | 8411030725 | WASTE RES |
| WENZINGER, E. C. | 8411030298 | 50-245 G | WIGGINTON, D. L. | 8411160463 | 50-316 P | WILLIAMS, R. E. | 8411030726 | WASTE RES |
| WENZINGER, E. C. | 8411050464 | 70-135 | WIGGINTON, D. L. | 8411200331* | 50-315 F | WILLIAMS, R. E. | 8411030729 | WASTE RES |
| WENZINGER, E. C. | 8411060476 | 50-412 G | WIGGINTON, D. L. | 8411280402 | 50-316 P | WILLIAMS, R. E. | 8411030734 | WASTE RES |
| WENZINGER, E. C. | 8411130280 | 50-309 G | WILBER, H. A. | 8411060592 | 50-382 G | WILLIAMS, R. E. | 8411030741 | WASTE RES |
| WENZINGER, E. C. | 8411140237* | 50-271 G | WILDFONG, L. A. | 8411150330 | 50-344 R | WILLIAMS, R. E. | 8411030758 | WASTE RES |
| WENZINGER, E. C. | 8411260322 | 70-820 | WILGUS, W. S. | 8411290640 | 50-302 S | WILLIAMS, R. E. | 8411030767 | WASTE RES |
| WENZINGER, E. C. | 8411270294 | 50-317 G | WILKEY, P. L. | 8411080038 | WASTE RES | WILLIAMS, R. E. | 8411030775 | WASTE RES |
| WENZINGER, E. C. | 8411270330 | 50-293 G | WILKEY, P. L. | 8411080106 | WASTE RES | WILLIAMS, R. E. | 8411030780 | WASTE RES |
| WESTAFER, G. R. | 8411020206 | 50-302 P | WILKIE, D. A. | 8411140269 | 50-406 P | WILLIAMS, R. E. | 8411030789 | WASTE RES |
| WESTAFER, G. R. | 8411130613* | 50-302 G | WILKINS, B. T. | 8411190431* | FOIA | WILLIAMS, R. E. | 8411030793 | WASTE RES |
| WESTAFER, G. R. | 8411140345 | 50-302 P | WILKINS, B. T. | 8411190435* | FOIA | WILLIAMS, R. E. | 8411030797 | WASTE RES |
| WESTAFER, G. R. | 8411140353 | 50-302 P | WILKINS, B. T. | 8411190477* | FOIA | WILLIAMS, R. E. | 8411030803 | WASTE RES |
| WESTAFER, G. R. | 8411190565 | 50-302 S | WILKS, B. L. | 8411090446 | 50-388 S | WILLIAMS, R. E. | 8411030808 | WASTE RES |

PERSONAL AUTHOR INDEX

481

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|---------------------|---------------------|-------------------|---------------------|---------------------|------------------|---------------------|---------------------|
| TUCKER, M. K. | 8411090116 | WASTE MGT | VAN BRUNT, E. E. | 8411210327 | 50-528 S | VARGA, S. A. | 8411280501 | 50-247 G |
| TULEY, C. R. | 8411120374* | 50-400 A | VAN BRUNT, E. E. | 8411210453 | 50-528 S | VARGA, S. A. | 8411280533 | 50-250 F |
| TURK, J. | 8411060320 | 50-70 Q | VAN BRUNT, E. E. | 8411260061 | 50-528 A | VARGA, S. A. | 8411280539* | 50-334 P |
| TURK, S. E. | 8411140354 | 50-537 Q | VAN BRUNT, E. E. | 8411260230 | 50-528 A | VARGA, S. A. | 8411280584 | 50-334 P |
| TURK, S. E. | 8411190001 | 50-382 Q | VAN BRUNT, E. E. | 8411260276 | 50-528 S | VARGA, S. A. | 8411290071 | 50-334 P |
| TURK, S. E. | 8411190119 | 50-382 Q | VAN BRUNT, E. E. | 8411260313 | 50-528 S | VARGA, S. A. | 8411290082* | 50-261 P |
| TURK, S. E. | 8411200251 | 50-70 Q | VAN BRUNT, E. E. | 8411260320 | 50-528 S | VARGA, S. A. | 8411290681 | 50-286 P |
| TURNQUEST, L. | 8411050428 | 50-249 S | VAN BRUNT, E. E. | 8411260331 | 50-528 S | VARRICCHIO, M. | 8411160349* | 50-483 P |
| TUTU, N. K. | 8411130622 | NUREG | VAN BRUNT, E. E. | 8411260390 | 50-528 A | VASSALLO, D. S. | 8411010068 | 50-331 P |
| UDALL, M. K. | 8411260007 | 50-289 U | VAN BRUNT, E. E. | 8411260396 | 50-528 F | VASSALLO, D. S. | 8411010091 | 50-271 P |
| UDERITZ, R. A. | 8411210009 | 50-272 P | VAN BRUNT, E. E. | 8411260423 | 50-528 S | VASSALLO, D. S. | 8411010105 | 50-220 F |
| UHRIG, R. | 8411060448* | 50-289 T | VAN BRUNT, E. E. | 8411260426 | 50-528 S | VASSALLO, D. S. | 8411010224* | 50-273 P |
| UHRIG, R. | 8411060504* | 50-289 T | VAN BRUNT, E. E. | 8411260495 | 50-528 S | VASSALLO, D. S. | 8411010287 | 50-271 F |
| UHRIG, R. E. | 8411060448* | 50-289 T | VAN BRUNT, E. E. | 8411260504 | 50-528 S | VASSALLO, D. S. | 8411010328* | 50-333 P |
| ULTE, J. | 8411200207* | 50-454 G | VAN BRUNT, E. E. | 8411260520 | 50-528 S | VASSALLO, D. S. | 8411010476* | 50-333 P |
| ULLRICH, J. | 8411130106 | 50-373 S | VAN BRUNT, E. E. | 8411280168 | 50-528 F | VASSALLO, D. S. | 8411050182 | TOPREP |
| ULLRICH, W. T. | 8411280035 | 50-277 R | VAN BRUNT, E. E. | 8411280297 | 50-528 A | VASSALLO, D. S. | 8411050187 | TOPREP |
| UMBEL, D. | 8411090516 | CONTRACT | VAN BRUNT, E. E. | 8411280314 | 50-528 A | VASSALLO, D. S. | 8411060304* | 50-259 P |
| UMBEL, D. | 8411160483 | CONTRACT | VAN DRESSER, W. | 8411020209 | 50-124 P | VASSALLO, D. S. | 8411070346 | 50-324 P |
| UPRIGHT, C. M. | 8411140316* | 50-390 G | VAN DRESSER, W. | 8411090334 | 50-124 P | VASSALLO, D. S. | 8411070347* | 50-324 P |
| URBANIK, T. | 8411070137* | 50-352 T | VAN KESSEL, H. F. | 8411030200* | 50-277 Q | VASSALLO, D. S. | 8411080423 | 50-333 Q |
| URBANIK, T. | 8411070137* | 50-352 T | VAN LANGEN, J. R. | 8411120388* | 50-440 S | VASSALLO, D. S. | 8411080426 | 50-324 P |
| USI, V. | 8411050231 | 50-317 F | VAN TUYLE, G. J. | 8410120010 | NUREG | VASSALLO, D. S. | 8411080439 | 50-259 F |
| VALDES, S. A. | 8411280305 | 50-389 S | VAN VLIET, J. | 8411010421 | 50-289 P | VASSALLO, D. S. | 8411080542 | 50-298 P |
| VAN BRUNT, E. E. | 8409280486 | 50-528 S | VAN VLIET, J. | 8411010431 | 50-289 Q | VASSALLO, D. S. | 8411160543* | 50-263 P |
| VAN BRUNT, E. E. | 8410310378 | 50-528 E | VAN VLIET, J. | 8411010602 | 50-289 P | VASSALLO, D. S. | 8411190030* | 50-220 P |
| VAN BRUNT, E. E. | 8411020243 | 50-528 F | VAN WITBECK, T. | 8411030431* | 50-289 T | VASSALLO, D. S. | 8411190066* | 50-331 P |
| VAN BRUNT, E. E. | 8411020269 | 50-528 A | VAN WITBECK, T. | 8411060511* | 50-289 T | VASSALLO, D. S. | 8411190159* | 50-263 P |
| VAN BRUNT, E. E. | 8411020274* | 50-528 A | VAN WITBECK, T. | 8411060511* | 50-289 T | VASSALLO, D. S. | 8411200010 | 50-325 P |
| VAN BRUNT, E. E. | 8411020282 | 50-528 A | VANDEL, T. E. | 8411160168* | 50-315 Q | VASSALLO, D. S. | 8411200016 | 50-260 P |
| VAN BRUNT, E. E. | 8411060379 | 50-528 F | VANDEL, T. E. | 8411290144* | 50-409 Q | VASSALLO, D. S. | 8411200050* | 50-325 P |
| VAN BRUNT, E. E. | 8411060398 | 50-528 A | VANDEMBERG, D. | 8411260122 | 50-255 R | VASSALLO, D. S. | 8411210233 | 50-298 P |
| VAN BRUNT, E. E. | 8411070013 | 50-528 A | VANDENBURGH, C. | 8411060534* | 50-454 Q | VASSALLO, D. S. | 8411210248 | 50-220 F |
| VAN BRUNT, E. E. | 8411070015 | 50-528 A | VANDERBEEK, R. | 8411030022* | 50-461 A | VASSALLO, D. S. | 8411210284 | 50-263 P |
| VAN BRUNT, E. E. | 8411090208 | 50-528 Q | VANDEWALLE, D. J. | 8411080335 | 50-155 P | VASSALLO, D. S. | 8411210388 | 50-259 P |
| VAN BRUNT, E. E. | 8411090231 | 50-528 Q | VANDEWALLE, D. J. | 8411140189 | 50-255 P | VASSALLO, D. S. | 8411210396* | 50-259 P |
| VAN BRUNT, E. E. | 84111130324 | 70-2949 | VANDEWALLE, D. J. | 8411140330 | 50-155 H | VASSALLO, D. S. | 8411210408* | 50-259 P |
| VAN BRUNT, E. E. | 8411140280* | 50-528 Q | VANDEWALLE, D. J. | 8411190354* | 50-255 Q | VASSALLO, D. S. | 8411210445* | 50-293 P |
| VAN BRUNT, E. E. | 8411160049 | 50-528 S | VANDEWALLE, D. J. | 8411190549* | 50-155 Q | VASSALLO, D. S. | 8411210462* | 50-220 P |
| VAN BRUNT, E. E. | 8411160051 | 50-528 S | VANDEWALLE, D. J. | 8411200142 | 50-255 Q | VASSALLO, D. S. | 8411280199* | 50-220 P |
| VAN BRUNT, E. E. | 8411160061 | 50-528 S | VANDEWALLE, D. J. | 8411200332 | 50-155 P | VASSALLO, D. S. | 8411280203 | 50-333 F |
| VAN BRUNT, E. E. | 8411160070 | 50-528 S | VANDEWALLE, D. J. | 8411210217 | 50-155 P | VASSALLO, D. S. | 8411280599 | 50-293 P |
| VAN BRUNT, E. E. | 8411160081 | 50-528 S | VANDEWALLE, D. J. | 8411260431 | 50-155 Q | VASSALLO, D. S. | 8411280601 | 50-259 P |
| VAN BRUNT, E. E. | 8411160084 | 50-528 S | VANDEWALLE, D. J. | 8411270032 | 50-255 F | VASSALLO, D. S. | 8411290014 | 50-324 P |
| VAN BRUNT, E. E. | 8411160090 | 50-528 S | VANDODORN, P. K. | 8411140148* | 50-413 Q | VASSALLO, D. S. | 8411290018 | 50-254 P |
| VAN BRUNT, E. E. | 8411160096 | 50-528 S | VANKUIKEN, J. C. | 8411080457 | NUREG | VASSALLO, D. S. | 8411290035 | 50-333 P |
| VAN BRUNT, E. E. | 8411160107 | 50-528 S | VARELA, A. A. | 8411160199* | 50-387 Q | VASSALLO, D. S. | 8411290040 | 50-324 P |
| VAN BRUNT, E. E. | 8411160124 | 50-528 S | VARELA, A. A. | 8411270218* | 50-352 Q | VASSALLO, D. S. | 8411290045 | 50-254 P |
| VAN BRUNT, E. E. | 8411160133 | 50-528 S | VARGA, S. A. | 8411010072 | 50-247 P | VASSALLO, D. S. | 8411290051 | 50-298 P |
| VAN BRUNT, E. E. | 8411160142 | 50-528 S | VARGA, S. A. | 8411010266 | 50-286 P | VASSALLO, D. S. | 8411290057 | 50-263 P |
| VAN BRUNT, E. E. | 8411160148 | 50-528 S | VARGA, S. A. | 8411030266 | 50-280 F | VASSALLO, D. S. | 8411290058 | 50-220 P |
| VAN BRUNT, E. E. | 8411160195 | 50-528 S | VARGA, S. A. | 8411060282* | 50-250 F | VASSALLO, D. S. | 8411290066 | 50-263 P |
| VAN BRUNT, E. E. | 8411160215 | 50-528 S | VARGA, S. A. | 8411070097 | 50-261 F | VASSALLO, D. S. | 8411290202* | 50-263 P |
| VAN BRUNT, E. E. | 8411160228 | 50-528 S | VARGA, S. A. | 8411070305* | 50-280 F | VASSALLO, D. S. | 8411290206 | 50-331 P |
| VAN BRUNT, E. E. | 8411160245 | 50-528 A | VARGA, S. A. | 8411080598* | 50-261 P | VASSALLO, D. S. | 8411290211* | 50-263 P |
| VAN BRUNT, E. E. | 8411160256 | 50-529 A | VARGA, S. A. | 8411080643 | 50-247 F | VASSALLO, D. S. | 8411290212 | 50-271 P |
| VAN BRUNT, E. E. | 8411160261* | 50-529 A | VARGA, S. A. | 8411090010* | 50-272 P | VASSALLO, D. S. | 8411290445* | 50-298 P |
| VAN BRUNT, E. E. | 8411160270 | 50-528 S | VARGA, S. A. | 8411090034 | 50-261 P | VASSALLO, D. S. | 8411290428* | 50-263 P |
| VAN BRUNT, E. E. | 8411160272 | 50-528 F | VARGA, S. A. | 8411090050 | 50-272 P | VAUGHAN, C. M. | 8411130428 | 70-1113 |
| VAN BRUNT, E. E. | 8411160316 | 50-528 A | VARGA, S. A. | 8411090054 | 50-334 Q | VAUGHAN, C. M. | 8411130454 | 70-1113 |
| VAN BRUNT, E. E. | 8411160319 | 50-528 Q | VARGA, S. A. | 8411090055 | 50-247 P | VAUGHAN, C. M. | 8411140449 | 70-1113 |
| VAN BRUNT, E. E. | 8411160357 | 50-528 S | VARGA, S. A. | 8411090058 | 50-250 P | VAUGHAN, C. M. | 8411160007 | 70-1113 |
| VAN BRUNT, E. E. | 8411160365 | 50-528 S | VARGA, S. A. | 8411090093 | 50-261 P | VAUGHAN, C. M. | 8411210285 | 70-1113 |
| VAN BRUNT, E. E. | 8411160377 | 50-528 S | VARGA, S. A. | 8411090157* | 50-272 P | VERMA, T. | 8411060153 | WASTE RES |
| VAN BRUNT, E. E. | 8411160388 | 50-529 S | VARGA, S. A. | 8411090384 | 50-348 P | VERMA, T. R. | 8411030763 | WASTE RES |
| VAN BRUNT, E. E. | 8411160426 | 50-528 S | VARGA, S. A. | 8411090415 | 50-286 F | VERMA, T. R. | 8411080534 | WASTE MGT |
| VAN BRUNT, E. E. | 8411160429 | 50-528 S | VARGA, S. A. | 8411090432* | 50-280 P | VERMA, T. R. | 8411080651 | WASTE MGT |
| VAN BRUNT, E. E. | 8411160431 | 50-528 S | VARGA, S. A. | 8411120429* | 50-348 P | VERMA, T. R. | 8411090001 | WASTE MGT |
| VAN BRUNT, E. E. | 8411160434 | 50-528 S | VARGA, S. A. | 8411130620 | 50-261 P | VERMA, T. R. | 8411090464 | WASTE MGT |
| VAN BRUNT, E. E. | 8411160500 | 50-528 S | VARGA, S. A. | 8411140018 | 50-261 P | VERNETSON, W. G. | 8411070112 | PR |
| VAN BRUNT, E. E. | 8411160538 | 50-528 S | VARGA, S. A. | 8411140468 | 50-348 P | VERRELLI, D. M. | 8410150430 | 50-324 Q |
| VAN BRUNT, E. E. | 8411160546 | 50-528 S | VARGA, S. A. | 8411150145 | 50-272 F | VERRELLI, D. M. | 8411010108 | 50-416 F |
| VAN BRUNT, E. E. | 8411160556 | 50-529 S | VARGA, S. A. | 8411200088 | 50-247 F | VERRELLI, D. M. | 8411010306 | 50-259 F |
| VAN BRUNT, E. E. | 8411190319 | 50-528 Q | VARGA, S. A. | 8411200092 | 50-315 P | VERRELLI, D. M. | 8411080346* | 50-438 G |
| VAN BRUNT, E. E. | 8411190421 | 50-528 A | VARGA, S. A. | 8411200100 | 50-295 P | VERRELLI, D. M. | 8411090087 | 50-325 S |
| VAN BRUNT, E. E. | 8411190398 | 50-528 S | VARGA, S. A. | 8411200366 | 50-286 P | VERRELLI, D. M. | 8411130486 | 50-400 Q |
| VAN BRUNT, E. E. | 8411200039 | 50-528 S | VARGA, S. A. | 8411210377 | 50-286 P | VERRELLI, D. M. | 8411130494 | 50-160 Q |
| VAN BRUNT, E. E. | 8411200057 | 50-528 S | VARGA, S. A. | 8411270496 | 50-247 P | VERRELLI, D. M. | 8411130532 | 50-259 Q |
| VAN BRUNT, E. E. | 8411200169 | 50-528 Q | VARGA, S. A. | 8411270519 | 50-280 P | VERRELLI, D. M. | 8411130542 | 50-390 Q |
| VAN BRUNT, E. E. | 8411200241 | 50-528 F | VARGA, S. A. | 8411280251 | 50-305 P | VERRELLI, D. M. | 8411130547 | 50-400 Q |
| VAN BRUNT, E. E. | 8411200249 | 50-528 S | VARGA, S. A. | 8411280262* | 50-334 P | VERRELLI, D. M. | 8411130563 | 50-259 Q |
| VAN BRUNT, E. E. | 8411200288 | 50-528 A | VARGA, S. A. | 8411280349 | 50-261 P | VERRELLI, D. M. | 8411130574* | 50-259 Q |
| VAN BRUNT, E. E. | 8411200327 | 50-528 Q | VARGA, S. A. | 8411280412* | 50-348 P | VERRELLI, D. M. | 8411130648 | 50-160 Q |
| VAN BRUNT, E. E. | 8411210163 | 50-529 S | VARGA, S. A. | 8411280447* | 50-348 P | VERRELLI, D. M. | 8411130705 | 50-400 Q |
| VAN BRUNT, E. E. | 8411210277 | 50-528 Q | VARGA, S. A. | 8411280482* | 50-286 P | VERRELLI, D. M. | 8411130731 | 50-324 Q |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|----------------|------------------|------------------|-----------------|------------------|------------------|
| VERRELLI, D. M. | 8411140054 | 50-261 Q | VOGT, D. K. | 8411080438 | WASTE RES | WILLIAMS, R. E. | 8411030814 | WASTE RES |
| VERRELLI, D. M. | 8411140139 | 50-324 Q | VOGT, D. K. | 8411080448 | WASTE RES | WILLIAMS, R. E. | 8411030817 | WASTE RES |
| VERRELLI, D. M. | 8411140217 | 50-416 Q | VOGT, D. K. | 8411080670 | WASTE RES | WILLIAMS, R. E. | 8411030822 | WASTE RES |
| VERRELLI, D. M. | 8411140239 | 50-393 Q | VOGT, D. K. | 8411090264 | WASTE RES | WILLIAMS, R. E. | 8411030833 | WASTE RES |
| VERRELLI, D. M. | 8411140255 | 50-393 Q | VOGT, D. K. | 8411090443 | WASTE RES | WILLIAMS, R. E. | 8411030840 | WASTE RES |
| VERRELLI, D. M. | 8411140276 | 50-390 Q | VOGT, D. K. | 8411120282 | WASTE RES | WILLIAMS, R. E. | 8411030843 | WASTE RES |
| VERRELLI, D. M. | 8411140309 | 50-390 Q | VOGT, D. K. | 8411090214 | PT21 | WILLIAMS, R. E. | 8411030845 | WASTE RES |
| VERRELLI, D. M. | 8411140390 | 50-438 Q | VREELAND, K. | 8411090209 | 40-672 | WILLIAMS, R. E. | 8411060003 | WASTE RES |
| VERRELLI, D. M. | 8411140405 | 50-390 Q | VUMBACO, F. J. | 84111290452* | 50-263 P | WILLIAMS, R. E. | 8411060006 | WASTE RES |
| VERRELLI, D. M. | 8411140461 | 50-390 Q | WACHTER, L. J. | 8411190331* | FDIA | WILLIAMS, R. E. | 8411060007 | WASTE RES |
| VERRELLI, D. M. | 8411140483 | 50-416 Q | WADE, L. | 8411190388* | FDIA | WILLIAMS, R. E. | 8411060008 | WASTE RES |
| VERRELLI, D. M. | 8411140548 | 50-390 Q | WADE, L. | 8411200600 | 50-354 Q | WILLIAMS, R. E. | 8411060014 | WASTE RES |
| VERRELLI, D. M. | 8411140557 | 50-348 F | WAGNER, D. H. | 8411200601 | 50-354 A | WILLIAMS, R. E. | 8411060018 | WASTE RES |
| VERRELLI, D. M. | 8411140578 | 50-348 V | WAGNER, D. H. | 8411080299 | WASTE RES | WILLIAMS, R. E. | 8411060019 | WASTE RES |
| VERRELLI, D. M. | 8411140609 | 50-416 Q | WAGNER, M. E. | 8411200003 | 50-289 G | WILLIAMS, R. E. | 8411060023 | WASTE RES |
| VERRELLI, D. M. | 8411150303 | 50-324 Q | WAGNER, P. C. | 8411140104 | 50-267 P | WILLIAMS, R. E. | 8411060024 | WASTE RES |
| VERRELLI, D. M. | 8411160027 | 50-261 Q | WAGNER, P. C. | 8411280210 | 50-267 P | WILLIAMS, R. E. | 8411060035 | WASTE RES |
| VERRELLI, D. M. | 8411200009 | 50-329 Q | WAGNER, W. J. | 8411090146* | 50-528 Q | WILLIAMS, R. E. | 8411060038 | WASTE RES |
| VICTOR, H. R. | 8411200047 | 50-461 A | WAGNER, W. J. | 8411190094* | 50-528 Q | WILLIAMS, R. E. | 8411060042 | WASTE RES |
| VICTOR, H. R. | 8411200108 | 50-461 A | WAGNER, W. J. | 8411070063 | MISC | WILLIAMS, R. E. | 8411060046 | WASTE RES |
| VICTOR, H. R. | 8411200116 | 50-461 A | WAGNER, W. J. | 8411080591 | WASTE RES | WILLIAMS, R. E. | 8411060048 | WASTE RES |
| VICTOR, H. R. | 8411200202 | 50-461 A | WAGNER, W. J. | 8411210136* | 50-397 Q | WILLIAMS, R. E. | 8411070253 | WASTE RES |
| VICTOR, H. R. | 8411200208 | 50-461 A | WAGNER, W. J. | 8411070242* | XPORTLIC | WILLIAMS, R. E. | 8411070264 | WASTE RES |
| VICTOR, H. R. | 8411200369 | 50-461 A | WAGNER, W. J. | 8411130543* | 50-454 Q | WILLIAMS, R. E. | 8411070272 | WASTE RES |
| VIETH, D. L. | 8411080586 | WASTE MGT | WAGNER, W. J. | 8411160168* | 50-315 Q | WILLIAMS, R. E. | 8411080016 | WASTE RES |
| VIETH, D. L. | 8411090013 | WASTE MGT | WAGNER, W. J. | 8411010202 | 50-260 S | WILLIAMS, R. E. | 8411080046 | WASTE RES |
| VIETH, D. L. | 8411090185 | WASTE MGT | WAGNER, W. J. | 8411050042 | 50-296 S | WILLIAMS, R. E. | 8411080057 | WASTE RES |
| VIETH, D. L. | 8411090307 | WASTE MGT | WAGNER, W. J. | 8411140573 | 50-296 S | WILLIAMS, R. E. | 8411080060 | WASTE RES |
| VIETH, D. L. | 8411120199 | WASTE MGT | WAGNER, W. J. | 8411010279 | 50-315 Q | WILLIAMS, R. E. | 8411080083 | WASTE RES |
| VIETH, D. L. | 8411120206* | WASTE MGT | WAGNER, W. J. | 8411160149 | 50-315 Q | WILLIAMS, R. E. | 8411080101 | WASTE RES |
| VIETH, D. L. | 8411120214* | WASTE MGT | WAGNER, W. J. | 8411160157* | 50-315 Q | WILLIAMS, R. E. | 8411080135 | WASTE RES |
| VIETH, D. L. | 8411120220* | WASTE MGT | WAGNER, W. J. | 8411190347 | 50-255 Q | WILLIAMS, R. E. | 8411080239 | WASTE RES |
| VIETH, D. L. | 8411120225* | WASTE MGT | WAGNER, W. J. | 8411190343 | 50-155 Q | WILLIAMS, R. E. | 8411080267 | WASTE RES |
| VIETH, D. L. | 8411120228* | WASTE MGT | WAGNER, W. J. | 8411290134 | 50-409 Q | WILLIAMS, R. E. | 8411080331 | WASTE RES |
| VIETTI, A. | 8411090303* | 50-445 A | WAGNER, W. J. | 8411290138* | 50-409 Q | WILLIAMS, R. E. | 8411080446 | WASTE RES |
| VIETTI, A. | 8411120279* | 50-445 A | WAGNER, W. J. | 8411030660 | 50-327 S | WILLIAMS, R. E. | 8411080466 | WASTE RES |
| VIETTI, A. | 8411140508 | 50-445 A | WAGNER, W. J. | 8411030667 | 50-328 S | WILLIAMS, R. E. | 8411080528 | WASTE RES |
| VIETTI, A. | 8411150278 | 50-445 A | WAGNER, W. J. | 8411060237 | 50-327 S | WILLIAMS, R. E. | 8411080561 | WASTE RES |
| VIETTI, A. L. | 8411010140 | 50-445 A | WAGNER, W. J. | 8411080550 | 50-327 S | WILLIAMS, R. E. | 8411090266 | WASTE RES |
| VIETTI, A. L. | 8411090310* | 50-445 A | WAGNER, W. J. | 8411090351 | 50-328 S | WILLIAMS, R. E. | 8411090272 | WASTE RES |
| VINCELETTE, M. D. | 8411190013 | 40-8681 | WAGNER, W. J. | 8411130638 | 50-327 S | WILLIAMS, R. E. | 8411090290 | WASTE RES |
| VITO, D. J. | 8411010050* | 50-352 Q | WAGNER, W. J. | 8411140440 | 50-327 R | WILLIAMS, R. E. | 8411090298 | WASTE RES |
| VITO, D. J. | 8411120090* | 50-213 Q | WAGNER, W. J. | 8411160041 | 50-327 S | WILLIAMS, R. E. | 8411090352 | WASTE RES |
| VITO, D. J. | 8411160274* | 50-247 Q | WAGNER, W. J. | 8411190101 | 50-327 S | WILLIAMS, R. E. | 8411090354 | WASTE RES |
| VITO, D. J. | 8411280335* | 50-219 Q | WAGNER, W. J. | 8411190278 | 50-328 S | WILLIAMS, R. E. | 8411090357 | WASTE RES |
| VO, C. V. | 8411280260 | 50-400 Q | WAGNER, W. J. | 8411200034 | 50-327 S | WILLIAMS, R. E. | 8411090362 | WASTE RES |
| VOGLER, B. H. | 8411070009 | 50-352 Q | WAGNER, W. J. | 8411270543 | 50-328 S | WILLIAMS, R. E. | 8411160560 | 40-8714 |
| VOGLER, B. H. | 8411150301 | 50-275 M | WAGNER, W. J. | 8411290613 | 50-327 S | WILLIAMS, R. E. | 8411190093 | 40-8084 |
| VOGLER, B. H. | 8411280278 | 50-352 Q | WAGNER, W. J. | 8411060614* | 50-352 T | WILLIAMS, R. E. | 8411290659* | 50-373 Q |
| VOGLER, R. E. | 8411050156 | PR | WAGNER, W. J. | 8411060481* | 50-445 Q | WILLIAMS, R. E. | 8411140278 | 50-337 A |
| VOGT, D. K. | 8411050065 | WASTE RES | WAGNER, W. J. | 8411080204 | TOPREP | WILLIAMS, R. E. | 8411050419 | 50-277 R |
| VOGT, D. K. | 8411050070 | WASTE RES | WAGNER, W. J. | 8411060483* | 50-412 Q | WILLIAMS, R. E. | 8411140024 | 40-8724 |
| VOGT, D. K. | 8411050082 | WASTE RES | WAGNER, W. J. | 8411050084 | 50-243 F | WILLIAMS, R. E. | 8411070116* | 50-413 Q |
| VOGT, D. K. | 8411050086 | WASTE RES | WAGNER, W. J. | 8411130582 | NUREG | WILLIAMS, R. E. | 8411130509* | 50-280 Q |
| VOGT, D. K. | 8411050098 | WASTE RES | WAGNER, W. J. | 8411080605 | WASTE RES | WILLIAMS, R. E. | 8411130548* | 50-390 Q |
| VOGT, D. K. | 8411050103 | WASTE RES | WAGNER, W. J. | 8411280594* | 50-352 Q | WILLIAMS, R. E. | 8411080394 | XPORTLIC |
| VOGT, D. K. | 8411050104 | WASTE RES | WAGNER, W. J. | 8411060583* | 50-454 Q | WILLIAMS, R. E. | 8411090141 | XPORTLIC |
| VOGT, D. K. | 8411050123 | WASTE RES | WAGNER, W. J. | 8411120252* | 50-387 Q | WILLIAMS, R. E. | 8411130419 | XPORTLIC |
| VOGT, D. K. | 8411050130 | WASTE RES | WAGNER, W. J. | 8411130732 | NUREG | WILLIAMS, R. E. | 8411130452 | XPORTLIC |
| VOGT, D. K. | 8411050139 | WASTE RES | WAGNER, W. J. | 8411130046 | 50-267 P | WILLIAMS, R. E. | 8411130612 | XPORTLIC |
| VOGT, D. K. | 8411050143 | WASTE RES | WAGNER, W. J. | 8411290003 | 50-267 F | WILLIAMS, R. E. | 8411160359 | XPORTLIC |
| VOGT, D. K. | 8411050153 | WASTE RES | WAGNER, W. J. | 8411010275 | PR | WILLIAMS, R. E. | 8411160364* | XPORTLIC |
| VOGT, D. K. | 8411050160 | WASTE RES | WAGNER, W. J. | 8411080539* | WASTE MGT | WILLIAMS, R. E. | 8411010617* | 50-289 P |
| VOGT, D. K. | 8411050166 | WASTE RES | WAGNER, W. J. | 8411050247 | PR | WILLIAMS, R. E. | 8411130696 | NUREG |
| VOGT, D. K. | 8411050172 | WASTE RES | WAGNER, W. J. | 8411210236* | 70-820 | WILLIAMS, R. E. | 8411140203 | 50-382 A |
| VOGT, D. K. | 8411050178 | WASTE RES | WAGNER, W. J. | 8411120149 | 50-331 S | WILLIAMS, R. E. | 8411200341 | 50-382 S |
| VOGT, D. K. | 8411050185 | WASTE RES | WAGNER, W. J. | 8411160217 | 50-331 S | WILLIAMS, R. E. | 8411200457 | 50-382 F |
| VOGT, D. K. | 8411050190 | WASTE RES | WAGNER, W. J. | 8411190559 | 50-546 S | WILLIAMS, R. E. | 8411200476 | 50-382 A |
| VOGT, D. K. | 8411050193 | WASTE RES | WAGNER, W. J. | 8411030218 | 50-440 Q | WILLIAMS, R. E. | 8411060181 | 50-302 P |
| VOGT, D. K. | 8411050197 | WASTE RES | WAGNER, W. J. | 8411030221* | 50-440 Q | WILLIAMS, R. E. | 8411140393 | 50-289 P |
| VOGT, D. K. | 8411050200 | WASTE RES | WAGNER, W. J. | 8411060296 | 50-341 Q | WILLIAMS, R. E. | 8411010345 | 50-277 R |
| VOGT, D. K. | 8411050207 | WASTE RES | WAGNER, W. J. | 8411070240 | 50-331 Q | WILLIAMS, R. E. | 8411260340 | 50-220 S |
| VOGT, D. K. | 8411050213 | WASTE RES | WAGNER, W. J. | 8411070241* | 50-331 Q | WILLIAMS, R. E. | 8411050184 | 50-298 F |
| VOGT, D. K. | 8411050222 | WASTE RES | WAGNER, W. J. | 8411130431 | 50-483 Q | WILLIAMS, R. E. | 8411030676 | WASTE RES |
| VOGT, D. K. | 8411050234 | WASTE RES | WAGNER, W. J. | 8411130438 | 50-461 Q | WILLIAMS, R. E. | 8411030680 | WASTE RES |
| VOGT, D. K. | 8411080093 | WASTE RES | WAGNER, W. J. | 8411130513 | 50-456 Q | WILLIAMS, R. E. | 8411030702 | WASTE RES |
| VOGT, D. K. | 8411080103 | WASTE RES | WAGNER, W. J. | 8411130517* | 50-456 Q | WILLIAMS, R. E. | 8411030715 | WASTE RES |
| VOGT, D. K. | 8411080147 | WASTE RES | WAGNER, W. J. | 8411210428 | 50-155 Q | WILLIAMS, R. E. | 8411030719 | WASTE RES |
| VOGT, D. K. | 8411080158 | WASTE RES | WAGNER, W. J. | 8411260513 | 50-456 Q | WILLIAMS, R. E. | 8411030723 | WASTE RES |
| VOGT, D. K. | 8411080251 | WASTE RES | WAGNER, W. J. | 8411290033 | 50-461 Q | WILLIAMS, R. E. | 8411030735 | WASTE RES |
| VOGT, D. K. | 8411080263 | WASTE RES | WAGNER, W. J. | 8411290118 | 50-341 Q | WILLIAMS, R. E. | 8411030749 | WASTE RES |
| VOGT, D. K. | 8411080327 | WASTE RES | WAGNER, W. J. | 8411290123* | 50-341 Q | WILLIAMS, R. E. | 8411030754 | WASTE RES |
| VOGT, D. K. | 8411080341 | WASTE RES | WAGNER, W. J. | 8411080338 | WASTE RES | WILLIAMS, R. E. | 8411030771 | WASTE RES |
| VOGT, D. K. | 8411080418 | WASTE RES | WAGNER, W. J. | 8411280191* | 50-390 A | WILLIAMS, R. E. | 8411030825 | WASTE RES |
| VOGT, D. K. | 8411080418 | WASTE RES | WAGNER, W. J. | 8411070196 | 40-8348 | WILLIAMS, R. E. | 8411060218 | WASTE RES |

PERSONAL AUTHOR INDEX

483

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|
| WINTER, G. | 8411060550 | WASTE RES | WOOLEVER, E. J. | 8411120160 | 50-412 A | YOUNGBLOOD, B. J. | 8411260533 | 50-445 E |
| WINTER, G. | 8411060563 | WASTE RES | WOOLEVER, E. J. | 8411120203 | 50-412 S | YOUNGBLOOD, B. J. | 8411270526 | 50-440 E |
| WINTER, G. | 8411080023 | WASTE RES | WOOLEVER, E. J. | 8411140134 | 50-412 A | YOUNGBLOOD, B. J. | 8411270530 | 50-440 A |
| WINTER, G. | 8411080042 | WASTE RES | WOOLEVER, E. J. | 8411140141 | 50-412 F | YOUNGBLOOD, B. J. | 8411270533 | 50-445 E |
| WINTER, G. | 8411080143 | WASTE RES | WOOLEVER, E. J. | 8411140191 | 50-412 A | YOUNGBLOOD, B. J. | 8411280279 | 50-423 A |
| WINTER, G. | 8411080242 | WASTE RES | WOOLEVER, E. J. | 8411140256 | 50-412 A | YOUNGBLOOD, B. J. | 8411280394 | 50-483 F |
| WINTER, G. | 8411080281 | WASTE RES | WOOLEVER, E. J. | 8411140298 | 50-412 E | YOUNGBLOOD, B. J. | 8411280409 | 50-445 E |
| WINTER, G. | 8411080336 | WASTE RES | WOOLEVER, E. J. | 8411140266 | 50-412 A | YOUNGBLOOD, B. J. | 8411280421* | 50-445 E |
| WINTER, G. | 8411080397 | WASTE RES | WOOLEVER, E. J. | 8411190079 | 50-412 S | YOUNGBLOOD, B. J. | 8411280516 | 50-454 F |
| WINTER, G. | 8411080665 | WASTE RES | WOOLEVER, E. J. | 8411190218 | 50-412 S | YOUNGBLOOD, B. J. | 8411280540 | 50-423 A |
| WINTER, G. | 8411090091 | WASTE RES | WOOLEVER, E. J. | 8411190306 | 50-412 E | YOUNGBLOOD, B. J. | 8411290102 | 50-445 E |
| WINTER, G. | 8411090103 | WASTE RES | WOOLEVER, E. J. | 8411190443 | 50-412 A | YUHAS, G. | 8411090373* | 50-344 G |
| WINTER, G. | 8411090108 | WASTE RES | WOOLEVER, E. J. | 8411190563 | 50-412 A | YUHAS, G. | 8411210173* | 50-397 G |
| WINTER, G. | 8411090114 | WASTE RES | WOOLEVER, E. J. | 8411190566* | 50-412 A | YUHAS, G. P. | 8411090365* | 50-312 G |
| WINTER, G. | 8411090126 | WASTE RES | WOOLEVER, E. J. | 8411260316 | 50-412 A | YUHAS, G. P. | 8411120439* | 50-275 G |
| WINTER, G. | 8411090149 | WASTE RES | WOOLEVER, E. J. | 8411270332 | 50-412 A | YUHAS, G. P. | 8411160348* | 50-397 G |
| WINTER, G. | 8411090191 | WASTE RES | WOOLEVER, E. J. | 8411280188 | 50-412 F | YUHAS, G. P. | 8411160408* | 50-508 G |
| WINTER, G. | 8411090196 | WASTE RES | WOOLEVER, E. J. | 8411280581 | 50-412 S | YUHAS, G. P. | 8411200233* | 50-89 G |
| WINTER, G. | 8411090202 | WASTE RES | WOLFE, B. A. | 8411270586 | MUREG | YUNDT, C. P. | 8411090383 | 50-344 S |
| WINTER, G. | 8411090312 | WASTE RES | WORMAN, M. A. | 8411060483* | 50-352 T | YUNDT, C. P. | 8411060495 | 50-344 S |
| WINTER, G. | 8411090352 | WASTE RES | WRIGHT, C. L. | 8411200397 | 50-261 S | YUNDT, C. P. | 8411140348 | 50-344 S |
| WINTER, G. | 8411090362 | WASTE RES | WRIGHT, E. G. | 8411190275* | FOIA | YUNDT, C. P. | 8411150330 | 50-344 R |
| WINTER, G. V. | 8411060565 | WASTE RES | WRIGHT, E. G. | 8411190285* | FOIA | YUNDT, C. P. | 8411190324 | 50-344 S |
| WINTER, G. V. | 8411080087 | WASTE RES | WRIGHT, E. G. | 8411190293* | FOIA | YUNDT, C. P. | 8411270416 | 50-344 S |
| WINTER, G. V. | 8411080118 | WASTE RES | WRIGHT, E. G. | 8411190317* | FOIA | YURICH, F. J. | 8411120361* | 50-440 S |
| WINTER, G. V. | 8411080123 | WASTE RES | WRIGHT, E. G. | 8411190419* | FOIA | ZEBROSKI, E. L. | 8411050437* | 50-289 T |
| WINTER, G. V. | 8411080237 | WASTE RES | WRIGHT, G. | 8411130437* | 50-295 G | ZEBROSKI, E. L. | 8411050437* | 50-289 T |
| WINTER, G. V. | 8411090142 | WASTE RES | WRIGHT, G. | 8411210444* | 50-255 G | ZEBROSKI, E. L. | 8411060519* | 50-289 T |
| WINTER, G. V. | 8411090266 | WASTE RES | WRIGHT, G. C. | 8411010064* | 50-295 G | ZEBROSKI, E. L. | 8411060519* | 50-289 T |
| WINTERHOFF, D. | 8411070214 | 50-373 S | WRIGHT, G. C. | 8411130274* | 50-10 G | ZEBROSKI, E. L. | 8411070140 | PR |
| WISBEMAN, G. R. | 8411130716* | 50-413 G | WRIGHT, G. C. | 8411130345* | 50-315 G | ZECH, G. G. | 8411010023 | QA999 |
| WISNER, J. W. | 8411080006* | CONTRACT | WRIGHT, G. C. | 8411270392* | 50-315 G | ZECH, G. G. | 8411020317 | QA999 |
| WITHERS, B. D. | 8411010344 | 50-344 F | WRIGHT, N. A. | 8411070132 | 50-352 T | ZECH, G. G. | 8411050348 | QA999 |
| WITHERS, B. D. | 8411010510 | 50-344 F | WRIGHT, R. J. | 8411290645 | WASTE MGT | ZECH, G. G. | 8411080386 | QA999 |
| WITHERS, B. D. | 8411060094 | 50-344 P | WRIGHT, R. J. | 8411290664 | WASTE MGT | ZECH, G. G. | 8411090110 | QA999 |
| WITHERS, B. D. | 8411060461 | 50-344 P | WRIGHT, R. W. | 8411140316* | 50-390 G | ZECH, G. G. | 8411120119 | QA999 |
| WITHERS, B. D. | 8411120292 | 50-344 P | WRIGHT, S. V. | 8411090023 | 27-48 | ZECH, G. G. | 8411130714 | QA999 |
| WITHERS, B. D. | 8411200097 | 50-344 P | WRIGHT, T. M. | 8411090268 | 50-454 G | ZECH, G. G. | 8411130039 | QA999 |
| WITZIG, W. F. | 8411060121* | 50-289 P | WRIGHT, T. M. | 8411090268 | 50-454 G | ZECH, G. G. | 8411130043 | QA999 |
| WOHL, P. R. | 8411050273* | 50-315 G | WRIGHT, T. M. | 8411190374 | 50-454 G | ZECH, G. G. | 8411130051 | QA999 |
| WOHL, P. R. | 8411130345* | 50-315 G | WRIXON, A. D. | 8411190431* | FOIA | ZECH, G. G. | 8411190145 | QA999 |
| WOLF, T. | 8411030538* | 50-321 S | WYANT, E. J. | 8411130737 | NUREG | ZECH, G. G. | 8411190385 | QA999 |
| WOLF, T. R. | 8411030533 | 50-321 S | WYNGARDEN, S. D. | 8411010555 | 70-143 | ZECH, G. G. | 8411190389 | QA999 |
| WOLFE, S. J. | 8411010415 | 50-289 G | WYNGARDEN, S. D. | 8411130711 | 40-8801 | ZECH, G. G. | 8411190395 | QA999 |
| WOLFE, S. J. | 8411010656 | 50-289 G | WYRICK, J. E. | 8411070103* | 50-397 V | ZECH, G. G. | 8411210212 | QA999 |
| WOLFE, S. J. | 8411060278 | 50-338 G | YAHN, G. T. | 8411210175 | NUREG | ZECH, G. G. | 8411210224 | QA999 |
| WOLFE, S. J. | 8411090325 | 50-289 G | YANDELL, L. A. | 8411260286 | 50-285 S | ZECH, G. G. | 8411210306 | QA999 |
| WOLLETT, S. | 8411070308 | CONTRACT | YANICHKO, S. E. | 8411050409* | 50-286 P | ZECH, G. G. | 8411210308 | MISC |
| WOLLETT, S. | 8411080004 | CONTRACT | YOUNG, F. | 8411080207* | 50-289 G | ZECH, G. G. | 8411210311 | QA999 |
| WOLLETT, S. | 8411080366 | CONTRACT | YOUNG, G. T. | 8411090497* | CONTRACT | ZECH, G. G. | 8411270409 | QA999 |
| WOLLETT, S. | 8411090071 | CONTRACT | YOUNG, M. A. | 8411150340 | 50-344 G | ZECH, G. G. | 8411280198 | QA999 |
| WOLLETT, S. | 8411090490 | CONTRACT | YOUNG, M. A. | 8411200191 | 50-133 G | ZECH, G. G. | 8411290268 | QA999 |
| WOLLETT, S. | 8411120001 | CONTRACT | YOUNG, M. A. | 8411290402 | 50-250 G | ZECH, G. G. | 8411290339 | QA999 |
| WOLLETT, S. | 8411140400 | CONTRACT | YOUNG, T. | 8411080578* | 50-206 G | ZECH, G. G. | 8411290655 | QA999 |
| WOLLETT, S. | 8411140414 | CONTRACT | YOUNG, T. | 8411090137* | 50-328 G | ZEFF, D. W. | 8411270074 | 70-1201 |
| WOLLETT, S. | 8411140415 | CONTRACT | YOUNG, T. | 8411090146* | 50-528 G | ZEIMANN, D. L. | 8411290467* | 50-263 P |
| WOLLETT, S. | 8411150310 | CONTRACT | YOUNG, T. | 8411150162* | 50-206 G | ZERBE, J. E. | 8411260346 | 50-289 P |
| WOLLETT, S. | 8411260571 | CONTRACT | YOUNG, T. | 8411150169* | 50-206 G | ZIBULSKY, H. | 8411290432* | 50-352 G |
| WOLLETT, S. | 8411260604 | CONTRACT | YOUNGBLOOD, B. J. | 8411010186 | 50-341 A | ZIBUNG, B. R. | 8411270169 | REGOD |
| WOLLETT, S. | 8411280407 | CONTRACT | YOUNGBLOOD, B. J. | 8411010410 | 50-454 A | ZIEGLER, E. Z. | 8411160028 | NUREG |
| WOLLETT, S. | 8411280577 | CONTRACT | YOUNGBLOOD, B. J. | 8411010465 | 50-454 A | ZIELINSKI | 8411050424 | 50-454 G |
| WOLLETT, S. | 8411290351 | CONTRACT | YOUNGBLOOD, B. J. | 8411020133 | 50-440 E | ZIEHANN, D. L. | 8411290305* | 50-293 P |
| WONG, C. | 8411070065* | 50-445 A | YOUNGBLOOD, B. J. | 8411060073 | 50-483 P | ZIEHANN, D. L. | 8411290323* | 50-293 P |
| WOODARD, C. | 8411260292* | 50-271 G | YOUNGBLOOD, B. J. | 8411060326 | 50-445 E | ZIEHANN, D. L. | 8411290331* | 50-293 P |
| WOODARD, C. H. | 8411140462* | 50-213 G | YOUNGBLOOD, B. J. | 8411070322 | 50-483 P | ZIEHANN, D. L. | 8411290400* | 50-293 P |
| WOODARD, C. H. | 8411200079* | 50-213 G | YOUNGBLOOD, B. J. | 8411070325 | 50-445 A | ZIEHANN, D. L. | 8411290416* | 50-293 P |
| WOODARD, J. D. | 8411120442 | 71-5026 | YOUNGBLOOD, B. J. | 8411080663 | 50-341 A | ZIEHANN, D. L. | 8411290431* | 50-293 P |
| WOODARD, J. D. | 8411160414 | 50-348 S | YOUNGBLOOD, B. J. | 8411090378 | 50-454 A | ZIEHANN, D. L. | 8411290459* | 50-263 P |
| WOODARD, J. D. | 8411280050 | 50-348 R | YOUNGBLOOD, B. J. | 8411090419 | 50-445 A | ZIEHANN, D. L. | 8411290461* | 50-263 P |
| WOODHEAD, C. P. | 8411010318 | 50-142 G | YOUNGBLOOD, B. J. | 8411090424* | 50-445 A | ZIMET, C. N. | 8411200359 | PR |
| WOODHEAD, C. P. | 8411060382 | 50-440 G | YOUNGBLOOD, B. J. | 8411090428* | 50-445 A | ZIMMERMAN, J. V. | 8411020101 | XPORTLIC |
| WOODHEAD, C. P. | 8411060428 | 50-440 G | YOUNGBLOOD, B. J. | 8411130086 | 50-445 F | ZIMMERMAN, J. V. | 8411020194 | XPORTLIC |
| WOODHEAD, C. P. | 8411150292 | 50-142 G | YOUNGBLOOD, B. J. | 8411130555* | 50-358 A | ZIMMERMAN, J. V. | 8411020205 | XPORTLIC |
| WOODRUFF, R. | 8411060375 | I&E | YOUNGBLOOD, B. J. | 8411130576 | 50-483 P | ZIMMERMAN, J. V. | 8411020221 | XPORTLIC |
| WOODRUFF, R. L. | 8411140452 | STATE PROG | YOUNGBLOOD, B. J. | 8411130599 | 50-445 E | ZIMMERMAN, J. V. | 8411020294 | XPORTLIC |
| WOODRUFF, R. L. | 8411200333 | I&E | YOUNGBLOOD, B. J. | 8411130728 | 50-454 A | ZIMMERMAN, J. V. | 8411020346 | XPORTLIC |
| WOODS, J. E. | 8411270003 | 50-187 R | YOUNGBLOOD, B. J. | 8411140030 | 50-454 E | ZIMMERMAN, J. V. | 8411030447 | XPORTLIC |
| WOOLEVER, N. K. | 8411060536* | 50-412 A | YOUNGBLOOD, B. J. | 8411140091 | 50-445 A | ZIMMERMAN, J. V. | 8411030453 | XPORTLIC |
| WOOLEVER, E. J. | 8410190337 | 70-3008 | YOUNGBLOOD, B. J. | 8411140399 | 50-440 A | ZIMMERMAN, J. V. | 8411070173 | XPORTLIC |
| WOOLEVER, E. J. | 8411010141 | 50-412 E | YOUNGBLOOD, B. J. | 8411140582 | 50-483 P | ZIMMERMAN, J. V. | 8411070306 | XPORTLIC |
| WOOLEVER, E. J. | 8411020219 | 50-412 G | YOUNGBLOOD, B. J. | 8411150148 | 50-456 H | ZIMMERMAN, J. V. | 8411130297 | XPORTLIC |
| WOOLEVER, E. J. | 8411050431 | 50-412 E | YOUNGBLOOD, B. J. | 8411150167 | 50-445 A | ZIMMERMAN, J. V. | 8411130341 | XPORTLIC |
| WOOLEVER, E. J. | 8411060160 | 50-412 E | YOUNGBLOOD, B. J. | 8411160241 | 50-483 F | ZIMMERMAN, J. V. | 8411130447 | XPORTLIC |
| WOOLEVER, E. J. | 8411060531 | 50-412 A | YOUNGBLOOD, B. J. | 8411160480* | 50-454 P | ZIMMERMAN, J. V. | 8411130450 | XPORTLIC |
| WOOLEVER, E. J. | 8411080033 | 50-412 G | YOUNGBLOOD, B. J. | 8411160491 | 50-423 A | ZIMMERMAN, J. V. | 8411130457 | XPORTLIC |

PERSONAL AUTHOR INDEX

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|---------------------|---------------------|
| ZIMMERMAN, J. V. | 8411130466 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411130469 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411130478 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411140493 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411160164 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411160208 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411160369 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411160372 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411160376 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411160386 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411160391 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411260073 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411260080 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411260089 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411260094 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411260101 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411260307 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411260318 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411260444 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411260482 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411260489 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411280325 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411280335 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411280338 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411280408 | XPORTLIC |
| ZIMMERMAN, J. V. | 8411280426 | XPORTLIC |
| ZIMMERMAN, R. | 8411090144* | 50-528 G |
| ZIMMERMAN, R. | 8411160415* | 50-528 G |
| ZIMMERMAN, S. R. | 8411070040 | 50-324 F |
| ZIMMERMAN, S. R. | 8411140117 | 50-324 P |
| ZIMMERMAN, S. R. | 8411140128 | 50-324 P |
| ZIMMERMAN, S. R. | 8411140242 | 50-400 E |
| ZIMMERMAN, S. R. | 8411140279 | 50-261 P |
| ZIMMERMAN, S. R. | 8411140286 | 50-400 Q |
| ZIMMERMAN, S. R. | 8411140370 | 50-400 A |
| ZIMMERMAN, S. R. | 8411150074 | PRM |
| ZIMMERMAN, S. R. | 8411200258 | 50-400 F |
| ZIMMERMAN, S. R. | 8411210006 | 50-261 S |
| ZIMMERMAN, S. R. | 8411210127 | 50-400 K |
| ZIMMERMAN, S. R. | 8411260268 | 50-400 E |
| ZIMMERMAN, S. R. | 8411260325 | 50-261 P |
| ZITOMER, C. | 8411060535* | 50-352 T |
| ZITOMER, C. | 8411060542* | 50-352 T |
| ZITZER, P. | 8411060624 | 50-352 G |
| ZITZER, P. | 8411060624 | 50-352 G |
| ZITZER, P. | 8411060625* | 50-352 G |
| ZITZER, P. | 8411060626* | 50-352 G |
| ZITZER, P. | 8411060627* | 50-352 G |
| ZITZER, P. | 8411060628* | 50-352 G |

| | | |
|------------------|-------------|-----------|
| ZITZER, P. | 8411060629* | 50-352 G |
| ZITZER, P. | 8411060630* | 50-352 G |
| ZITZER, P. | 8411060631* | 50-352 G |
| ZITZER, P. | 8411060633* | 50-352 G |
| ZITZER, P. | 8411090286* | 50-352 G |
| ZITZER, P. | 8411090302 | 50-352 G |
| ZITZER, P. | 8411090342* | 50-352 G |
| ZITZER, P. | 8411140133 | 50-352 G |
| ZITZER, P. | 8411140162* | 50-352 G |
| ZITZER, P. | 8411200349 | 50-352 G |
| ZITZER, P. | 8411210409 | 50-352 G |
| ZUKOR, D. J. | 8411010440 | 50-272 S |
| ZUMWALT, L. R. | 8411280405 | MISC |
| ZUPKO, J. M. | 8411130594 | 50-311 S |
| ZUPKO, J. M. | 8411210254 | 50-272 S |
| ZUPKO, J. M. | 8411210325 | 50-272 R |
| ZUPKO, J. M. | 8411210326 | 50-311 R |
| ZUPKO, J. M. | 8411290232 | 50-272 S |
| ZUPKO, J. M. | 8411290396 | 50-272 S |
| ZUPKO, J. M. | 8411290404 | 50-272 S |
| ZURFLUEH, E. G. | 8411030506 | WASTE RES |
| ZWETZIO, G. | 8411030375* | 50-312 G |
| ZWOLINSKI, J. A. | 8411010293 | 50-29 P |
| ZWOLINSKI, J. A. | 8411050415* | 50-245 P |
| ZWOLINSKI, J. A. | 8411050453 | 50-206 P |
| ZWOLINSKI, J. A. | 8411050463 | 50-206 P |
| ZWOLINSKI, J. A. | 8411050468* | 50-206 P |
| ZWOLINSKI, J. A. | 8411090177 | 50-155 F |
| ZWOLINSKI, J. A. | 8411090253 | 50-244 P |
| ZWOLINSKI, J. A. | 8411120167 | 50-244 P |
| ZWOLINSKI, J. A. | 8411130347 | 50-206 P |
| ZWOLINSKI, J. A. | 8411160327 | 50-255 P |
| ZWOLINSKI, J. A. | 8411160333* | 50-255 P |
| ZWOLINSKI, J. A. | 8411190055 | 50-133 P |
| ZWOLINSKI, J. A. | 8411190472 | 50-206 P |
| ZWOLINSKI, J. A. | 8411200352 | 50-244 P |

| AUTHOR | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|---------------------|---------------------|
| ZWOLINSKI, J. A. | 8411200353* | 50-244 P |
| ZWOLINSKI, J. A. | 8411210083 | 50-206 P |
| ZWOLINSKI, J. A. | 8411210088* | 50-206 P |
| ZWOLINSKI, J. A. | 8411210269 | 50-213 P |
| ZWOLINSKI, J. A. | 8411260197 | 50-29 P |
| ZWOLINSKI, J. A. | 8411260302 | 50-245 P |
| ZWOLINSKI, J. A. | 8411270264 | 50-255 P |
| ZWOLINSKI, J. A. | 8411270270 | 50-206 P |
| ZWOLINSKI, J. A. | 8411270278* | 50-206 P |
| ZWOLINSKI, J. A. | 8411270302 | 50-206 P |
| ZWOLINSKI, J. A. | 8411270377 | 50-244 P |
| ZWOLINSKI, J. A. | 8411270406 | 50-206 P |
| ZWOLINSKI, J. A. | 8411270414* | 50-206 P |
| ZWOLINSKI, J. A. | 8411280140 | 50-219 P |
| ZWOLINSKI, J. A. | 8411280605 | 50-219 P |
| ZWOLINSKI, J. A. | 8411290005 | 50-213 F |
| ZWOLINSKI, J. A. | 8411290110 | 50-133 P |
| ZWOLINSKI, J. A. | 8411290114 | 50-213 P |
| ZWOLINSKI, J. A. | 8411290244 | 50-206 P |
| ZWOLINSKI, J. A. | 8411290462 | 50-206 P |

CORPORATE SOURCE INDEX

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

An asterisk following the accession number in this index indicates that the document is an enclosure to another document. To obtain the accession number of the principal document under which the enclosure is listed, refer to the index entitled "Cross Reference of Enclosures to Principal Documents."

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------------------------------------------------------------|---------------------|---------------------|
| ACE Federal Reporters, Inc. | 8411060097 | 50-322 T |
| | 8411070017 | 50-322 T |
| | 8411070134 | 50-322 T |
| ARVIN/CALSPAN Advanced Technology Center | 8409210131* | 50-255 P |
| | 8410030608* | 50-309 G |
| Aamodts | 8411260133 | 50-289 G |
| Acme-Cleveland Co. | 8411070129 | QA999 |
| Acoustic Technology, Inc. | 8411060496* | 50-400 G |
| Acres American, Inc. | 8411050075 | WASTE RES |
| | 8411050116 | WASTE RES |
| | 8411050148 | WASTE RES |
| | 8411050171 | WASTE RES |
| Acres Consulting Services, Ltd. | 8411080425* | WASTE RES |
| Aerojet Energy Conversion Co. (subs. of General Tire & Rubber Co.) | 8411140143 | TOPREP |
| Aerojet Ordnance Co. | 8411140505 | XPORTLIC |
| Aerospace Corp. | 8411050560* | CONTRACT |
| | 8411080437 | WASTE RES |
| Agriculture, Dept. of, Graduate School, Washington, DC | 8411210336* | CONTRACT |
| | 8411210339* | CONTRACT |
| Air Force, Dept. of | 8411070063 | MISC |
| | 8411070067* | MISC |
| | 8411070201 | PR |
| | 8411200253 | PR |
| Air Transport Association | 8411200376 | PR |
| | 8411270401 | PR |
| Alabama Power Co. | 8411070146 | 50-348 F |
| | 8411120145 | 50-348 F |
| | 8411120145 | 50-348 F |
| | 8411120139 | 50-348 F |
| | 8411120139 | 50-348 F |
| | 8411120179 | 50-348 F |
| | 8411120179 | 50-348 F |
| | 8411120250 | 50-348 P |
| | 8411120250 | 50-348 P |
| | 8411120254* | 50-348 P |
| | 8411120254* | 50-348 P |
| | 8411120261 | 50-348 F |
| | 8411120261 | 50-348 F |
| | 8411120328 | 50-348 F |
| | 8411120328 | 50-348 F |
| | 8411120341 | 50-348 F |
| | 8411120386 | 50-348 F |
| | 8411120386 | 50-348 F |
| | 8411120442 | 71-5026 |
| | 8411140044 | 50-348 P |
| | 8411140044 | 50-348 P |
| | 8411140193 | 50-348 F |
| | 8411140193 | 50-348 F |
| | 8411150261* | 50-348 G |
| | 8411160414 | 50-348 S |
| | 8411190160 | 50-348 F |
| | 8411200121 | 50-348 F |
| | 8411210011 | 50-348 F |

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------------------|---------------------|---------------------|
| | 8411210011 | 50-348 F |
| | 8411260385 | 50-348 F |
| | 8411260385 | 50-348 F |
| | 8411260399 | 50-348 F |
| | 8411260399 | 50-348 F |
| | 8411260403 | 50-348 F |
| | 8411260403 | 50-348 F |
| | 8411280011 | 50-348 F |
| | 8411280011 | 50-348 F |
| | 8411280018* | 50-348 F |
| | 8411280018* | 50-348 F |
| | 8411280021* | 50-348 F |
| | 8411280021* | 50-348 F |
| | 8411280050 | 50-348 R |
| | 8411290414 | 50-348 F |
| Alabama, State of | 8411080307 | 50-259 F |
| Allegheny International | 8411140024 | 40-8724 |
| Allied C & D Power Systems | 8411260340 | 50-220 S |
| American Airlines, Inc. | 8411130214 | 71-236 |
| | 8411130221* | 71-236 |
| American Council on Education | 8411140396 | PR |
| American Nuclear Society | 8411050247 | PR |
| | 8411270307 | PR |
| | 8411270309* | PR |
| American Ship Building Co. | 8411130461 | 71-7 |
| Amersham Corp. | 7904090167* | FOIA |
| | 7904090170* | FOIA |
| | 7904090170* | FOIA |
| | 7905070479* | FOIA |
| | 7908270019* | FOIA |
| | 7912110507* | FOIA |
| | 8001250421* | FOIA |
| | 8003070198* | FOIA |
| | 8003260475* | FOIA |
| | 8102190620* | FOIA |
| | 8102190622* | FOIA |
| | 8102260274* | FOIA |
| | 8411190097* | FOIA |
| | 8411190103* | FOIA |
| | 8411190110* | FOIA |
| | 8411190114* | FOIA |
| | 8411190130* | FOIA |
| | 8411190134* | FOIA |
| | 8411190136* | FOIA |
| | 8411190142* | FOIA |
| | 8411190148* | FOIA |
| | 8411190164* | FOIA |
| | 8411190168* | FOIA |
| | 8411190170* | FOIA |
| | 8411190171* | FOIA |
| | 8411190178* | FOIA |
| | 8411190179* | FOIA |
| | 8411190182* | FOIA |
| | 8411190186* | FOIA |
| | 8411190192* | FOIA |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------------------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|
| | 8411190195* | FOIA | | 8410310378 | 50-528 E |
| | 8411190197* | FOIA | | 8410310378 | 50-528 E |
| | 8411190209* | FOIA | | 8411020243 | 50-528 F |
| | 8411190212* | FOIA | | 8411020243 | 50-528 F |
| | 8411190219* | FOIA | | 8411020243 | 50-528 F |
| | 8411190223* | FOIA | | 8411020251* | 50-528 F |
| | 8411190253* | FOIA | | 8411020251* | 50-528 F |
| | 8411190255* | FOIA | | 8411020251* | 50-528 F |
| | 8411190258* | FOIA | | 8411020269 | 50-528 A |
| | 8411190265* | FOIA | | 8411020274* | 50-528 A |
| | 8411190270* | FOIA | | 8411020282 | 50-528 A |
| | 8411190273* | FOIA | | 8411020282 | 50-528 A |
| | 8411190274* | FOIA | | 8411020282 | 50-528 A |
| | 8411190280* | FOIA | | 8411020288* | 50-528 A |
| | 8411190282* | FOIA | | 8411020288* | 50-528 A |
| | 8411190284* | FOIA | | 8411020288* | 50-528 A |
| | 8411190287* | FOIA | | 8411060379 | 50-528 F |
| | 8411190290* | FOIA | | 8411060388* | 50-528 F |
| | 8411190294* | FOIA | | 8411060398 | 50-528 A |
| | 8411190300* | FOIA | | 8411060398 | 50-528 A |
| | 8411190304* | FOIA | | 8411060398 | 50-528 A |
| | 8411190307* | FOIA | | 8411070013 | 50-528 A |
| | 8411190309* | FOIA | | 8411070013 | 50-528 A |
| | 8411190311* | FOIA | | 8411070013 | 50-528 A |
| | 8411190316* | FOIA | | 8411070015 | 50-528 A |
| | 8411190322* | FOIA | | 8411070015 | 50-528 A |
| | 8411190323* | FOIA | | 8411070015 | 50-528 A |
| | 8411190328* | FOIA | | 8411070022* | 50-528 A |
| | 8411190336* | FOIA | | 8411070022* | 50-528 A |
| | 8411190338* | FOIA | | 8411070022* | 50-528 A |
| | 8411190340* | FOIA | | 8411090208 | 50-528 G |
| | 8411190344* | FOIA | | 8411090208 | 50-528 G |
| | 8411190351* | FOIA | | 8411090231 | 50-528 G |
| | 8411190357* | FOIA | | 8411090231 | 50-528 G |
| | 8411190361* | FOIA | | 8411090231 | 50-528 G |
| | 8411190372* | FOIA | | 8411130324 | 70-2949 |
| | 8411190373* | FOIA | | 8411140280* | 50-528 G |
| | 8411190378* | FOIA | | 8411160049 | 50-528 S |
| | 8411190381* | FOIA | | 8411160049 | 50-528 S |
| | 8411190384* | FOIA | | 8411160049 | 50-528 S |
| | 8411190387* | FOIA | | 8411160051 | 50-528 S |
| | 8411190393* | FOIA | | 8411160051 | 50-528 S |
| | 8411190398* | FOIA | | 8411160051 | 50-528 S |
| | 8411190401* | FOIA | | 8411160061 | 50-528 S |
| | 8411190404* | FOIA | | 8411160061 | 50-528 S |
| | 8411190405* | FOIA | | 8411160061 | 50-528 S |
| | 8411190409* | FOIA | | 8411160070 | 50-528 S |
| | 8411190412* | FOIA | | 8411160070 | 50-528 S |
| | 8411190414* | FOIA | | 8411160070 | 50-528 S |
| | 8411190417* | FOIA | | 8411160081 | 50-528 S |
| | 8411190422* | FOIA | | 8411160081 | 50-528 S |
| | 8411190424* | FOIA | | 8411160081 | 50-528 S |
| | 8411190426* | FOIA | | 8411160084 | 50-528 S |
| | 8411190427* | FOIA | | 8411160084 | 50-528 S |
| | 8411190432* | FOIA | | 8411160084 | 50-528 S |
| | 8411190446* | FOIA | | 8411160090 | 50-528 S |
| | 8411190448* | FOIA | | 8411160090 | 50-528 S |
| | 8411190451* | FOIA | | 8411160090 | 50-528 S |
| | 8411190471* | FOIA | | 8411160096 | 50-528 S |
| | 8411190503* | FOIA | | 8411160096 | 50-528 S |
| | 8411190515* | FOIA | | 8411160096 | 50-528 S |
| | 8411190520* | FOIA | | 8411160107 | 50-528 S |
| | 8411190536* | FOIA | | 8411160107 | 50-528 S |
| | 8411190558* | FOIA | | 8411160107 | 50-528 S |
| | 8411190564* | FOIA | | 8411160124 | 50-528 S |
| | 8411190567* | FOIA | | 8411160124 | 50-528 S |
| | 8411190576* | FOIA | | 8411160124 | 50-528 S |
| | 8411190582* | FOIA | | 8411160133 | 50-528 S |
| Analytic Sciences Corp. Anthony, R.L. | 8411080029* | WASTE RES | | 8411160133 | 50-528 S |
| | 8411060586 | 50-352 G | | 8411160133 | 50-528 S |
| | 8411140489 | 50-352 G | | 8411160142 | 50-528 S |
| | 8411270301 | 50-352 G | | 8411160142 | 50-528 S |
| Argonne National Laboratory | 8411270303* | 50-352 G | | 8411160142 | 50-528 S |
| | 8411080378* | WASTE RES | | 8411160148 | 50-528 S |
| | 8411080457 | NUREG | | 8411160148 | 50-528 S |
| | 8411130553 | NUREG | | 8411160148 | 50-528 S |
| | 8411130562 | NUREG | | 8411160193 | 50-528 S |
| | 8411130571 | NUREG | | 8411160193 | 50-528 S |
| | 8411130652 | NUREG | | 8411160193 | 50-528 S |
| | 8411140028 | NUREG | | 8411160215 | 50-528 S |
| | 8411140111 | NUREG | | 8411160215 | 50-528 S |
| | 8411160028 | NUREG | | 8411160215 | 50-528 S |
| | 8411280518 | NUREG | | 8411160228 | 50-528 S |
| Arizona Public Service Co. | 8409280484 | 50-528 S | | 8411160228 | 50-528 S |
| | 8410310378 | 50-528 E | | 8411160228 | 50-528 S |

CORPORATE SOURCE INDEX

487

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------------|---------------------|---------------------|------------------------------------------------------------|---------------------|---------------------|
| | 8411160245 | 50-528 A | | 8411260390 | 50-528 A |
| | 8411160245 | 50-528 A | | 8411260396 | 50-528 F |
| | 8411160245 | 50-528 A | | 8411260423 | 50-528 S |
| | 8411160256 | 50-529 A | | 8411260426 | 50-528 S |
| | 8411160261* | 50-529 A | | 8411260495 | 50-528 S |
| | 8411160270 | 50-528 S | | 8411260495 | 50-528 S |
| | 8411160272 | 50-528 F | | 8411260495 | 50-528 S |
| | 8411160272 | 50-528 F | | 8411260504 | 50-528 S |
| | 8411160272 | 50-528 F | | 8411260520 | 50-528 S |
| | 8411160280* | 50-528 F | | 8411260520 | 50-528 S |
| | 8411160280* | 50-528 F | | 8411260520 | 50-528 S |
| | 8411160288* | 50-528 F | | 8411260520 | 50-528 S |
| | 8411160316 | 50-528 A | | 8411280168 | 50-528 F |
| | 8411160316 | 50-528 A | | 8411280168 | 50-528 F |
| | 8411160316 | 50-528 A | | 8411280297 | 50-528 A |
| | 8411160316 | 50-528 A | | 8411280297 | 50-528 A |
| | 8411160319 | 50-528 G | | 8411280297 | 50-528 A |
| | 8411160357 | 50-528 S | | 8411280314 | 50-528 A |
| | 8411160357 | 50-528 S | | 8411280314 | 50-528 A |
| | 8411160357 | 50-528 S | | 8411280314 | 50-528 A |
| | 8411160365 | 50-528 S | | 8411280314 | 50-528 A |
| | 8411160365 | 50-528 S | Arizona, State of | 8411280174* | 50-528 F |
| | 8411160365 | 50-528 S | Arizona, Univ. of, Tucson, AZ | 8411080227 | WASTE RES |
| | 8411160377 | 50-528 S | | 8411270427 | 50-113 F |
| | 8411160388 | 50-529 S | | 8411270430* | 50-113 F |
| | 8411160426 | 50-528 S | | 8411020264 | 50-313 P |
| | 8411160426 | 50-528 S | Arkansas Power & Light Co. | 8411070210 | 50-313 H |
| | 8411160426 | 50-528 S | | 8411090481 | 50-313 F |
| | 8411160429 | 50-528 S | | 8411090481 | 50-313 F |
| | 8411160429 | 50-528 S | | 8411120114 | 50-368 S |
| | 8411160429 | 50-528 S | | 8411120451 | 50-313 P |
| | 8411160431 | 50-528 S | | 8411120452* | 50-313 P |
| | 8411160431 | 50-528 S | | 8411130057 | 50-368 R |
| | 8411160431 | 50-528 S | | 8411130162 | 50-313 S |
| | 8411160434 | 50-528 S | | 8411130185 | 50-313 S |
| | 8411160434 | 50-528 S | | 8411140073 | 50-313 R |
| | 8411160434 | 50-528 S | | 8411140188 | 50-313 F |
| | 8411160500 | 50-528 S | | 8411140188 | 50-313 F |
| | 8411160538 | 50-528 S | | 8411140228 | 50-313 Q |
| | 8411160538 | 50-528 S | | 8411140254 | 50-313 P |
| | 8411160538 | 50-528 S | | 8411140262* | 50-313 P |
| | 8411160546 | 50-528 S | | 8411140371 | 50-368 P |
| | 8411160546 | 50-528 S | | 8411150007 | 50-313 F |
| | 8411160546 | 50-528 S | | 8411150007 | 50-313 F |
| | 8411160556 | 50-529 S | | 8411260347 | 50-313 F |
| | 8411190319 | 50-528 G | | 8411260347 | 50-313 F |
| | 8411190421 | 50-528 A | | 8411260414 | 50-313 Q |
| | 8411190421 | 50-528 A | | 8411270225 | 50-368 F |
| | 8411190421 | 50-528 A | | 8411270391 | 50-313 Q |
| | 8411190598 | 50-528 S | | 8411280037 | 50-313 S |
| | 8411190598 | 50-528 S | Army, Dept. of | 8411080605 | WASTE RES |
| | 8411190598 | 50-528 S | Army, Dept. of, Corps of Engineers | 8411080247 | WASTE RES |
| | 8411200039 | 50-528 S | | 8411090246 | WASTE RES |
| | 8411200057 | 50-528 S | | 8411090519* | CONTRACT |
| | 8411200057 | 50-528 S | Associated Maintenance Contractors | 8411050237 | PR |
| | 8411200057 | 50-528 S | | 8411050149 | PR |
| | 8411200169 | 50-528 G | Associated Students of the Univ. of California | 8411190059 | 40-3453 |
| | 8411200169 | 50-528 G | Atlas Minerals, Inc. | 8404110136* | REVIEW GRP |
| | 8411200169 | 50-528 G | Atomic Industrial Forum | 8411140351 | I&E |
| | 8411200169 | 50-528 G | Atwood & Merrill Co., Inc. (subs. of Foster Wheeler Corp.) | 8411050303 | QA999 |
| | 8411200241 | 50-528 F | | 8411060506 | NUREG |
| | 8411200241 | 50-528 F | Australia, Govt. of | 8411070242* | XPORTLIC |
| | 8411200241 | 50-528 F | | 8411070252* | XPORTLIC |
| | 8411200249 | 50-528 S | | 8411070269* | XPORTLIC |
| | 8411200249 | 50-528 S | | 8406180072* | FOIA |
| | 8411200249 | 50-528 S | Automatic Switch Co. | 8411090416 | WASTE MOT |
| | 8411200288 | 50-528 A | BWIP Engineering Management Systems | 8411080195 | TOPREP |
| | 8411200288 | 50-528 A | BWR Owners Group | 8411080280 | NUREG |
| | 8411200327 | 50-528 G | Babcock & Wilcox Co. | 8411010032 | 71-5149 |
| | 8411210163 | 50-529 S | | 8411070148 | TOPREP |
| | 8411210277 | 50-528 G | | 8411070151* | TOPREP |
| | 8411210327 | 50-528 S | | 8411080210* | TOPREP |
| | 8411210327 | 50-528 S | | 8411120037 | 70-364 |
| | 8411210327 | 50-528 S | | 8411130321 | 70-824 |
| | 8411210453 | 50-528 S | | 8411130502 | 71-9071 |
| | 8411210453 | 50-528 S | | 8411130536 | 70-27 |
| | 8411210453 | 50-528 S | | 8411130743* | 70-27 |
| | 8411260061 | 50-528 A | | 8411140022 | 70-27 |
| | 8411260230 | 50-528 A | | 8411190108 | 70-364 |
| | 8411260230 | 50-528 A | | 8411190111* | 70-364 |
| | 8411260230 | 50-528 A | | 8411200216 | 50-13 P |
| | 8411260276 | 50-528 S | | 8411270074 | 70-1201 |
| | 8411260313 | 50-528 S | | 8411270098* | 70-1201 |
| | 8411260320 | 50-528 S | | | |
| | 8411260331 | 50-528 S | | | |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------------------------------------------------------|---------------------|---------------------|--------------------------------------------------------------------|---------------------|---------------------|
| Babcock & Wilcox Operating Plants Owners Group | 8404110127* | REVIEW GRP | | 8411020074 | 50-445 G |
| | 8411080204 | TOPREP | | 8411020077* | 50-445 G |
| | 8411080362 | TOPREP | | 8411020077* | 50-445 G |
| Baltimore Gas & Electric Co. | 8411010019 | 50-317 S | | 8411020081* | 50-445 G |
| | 8411010498 | 50-317 R | | 8411020081* | 50-445 G |
| | 8411010518* | 50-317 R | | 8411020084* | 50-445 G |
| | 8411010520* | 50-317 R | | 8411020084* | 50-445 G |
| | 8411010521* | 50-317 R | | 8411020528 | 50-445 G |
| | 8411010523* | 50-317 R | | 8411020528 | 50-445 G |
| | 8411010525* | 50-317 R | | 8411020534* | 50-445 G |
| | 8411020235 | 50-317 G | | 8411020534* | 50-445 G |
| | 8411050231 | 50-317 F | | 8411060303 | 50-445 G |
| | 8411060291 | 50-318 P | | 8411060303 | 50-445 G |
| | 8411070102 | 50-317 P | | 8411060336 | 50-416 I |
| | 8411070185 | 50-317 S | | 8411060557 | 50-445 G |
| | 8411090386 | 50-317 S | | 8411060601 | 50-445 G |
| | 8411090386 | 50-317 S | | 8411060601 | 50-445 G |
| | 8411120124 | 50-317 P | | 8411060603 | 50-445 G |
| | 8411130416 | 50-318 S | | 8411060603 | 50-445 G |
| | 8411140203 | 50-317 G | | 8411060613 | 50-445 G |
| | 8411140203 | 50-317 G | | 8411070005 | 50-445 G |
| | 8411150049 | 50-317 F | | 8411070005 | 50-445 G |
| | 8411190420 | 50-317 F | | 8411070209 | 50-445 G |
| | 8411190478 | 50-317 F | | 8411070209 | 50-445 G |
| | 8411190486 | 50-317 F | | 8411090277 | 50-445 G |
| | 8411190486 | 50-317 F | | 8411090277 | 50-445 G |
| | 8411190488 | 50-317 G | | 8411090304 | 50-445 G |
| | 8411280414 | 50-317 R | | 8411090304 | 50-445 G |
| | 8411280414 | 50-317 R | | 8411090315* | 50-445 G |
| | 8411280569 | 50-317 S | | 8411090315* | 50-445 G |
| Battelle Memorial Institute, Columbus Laboratories | 8411070310* | CONTRACT | | 8411090333 | 50-445 G |
| | 8411140403* | CONTRACT | | 8411090333 | 50-445 G |
| Battelle Memorial Institute, Pacific Northwest Laboratories | 8411290308* | CONTRACT | | 8411130103 | 50-445 G |
| | 8307140084* | FOIA | | 8411130103 | 50-445 G |
| | 8411080461 | NUREG | | 8411130249 | 50-445 G |
| | 8411120082* | 50-320 G | | 8411130249 | 50-445 G |
| | 8411130636 | 50-280 F | | 8411130589 | 50-413 T |
| | 8411130643 | NUREG | | 8411130719 | 50-445 G |
| | 8411260129 | NUREG | | 8411130719 | 50-445 G |
| | 8411280136 | NUREG | | 8411130725* | 50-445 G |
| | 8411290570* | FOIA | | 8411130725* | 50-445 G |
| | 8411290583* | FOIA | | 8411140001 | 50-445 G |
| | 8411290604* | FOIA | | 8411190099 | 50-445 G |
| | 8411290612* | FOIA | | 8411190254 | 50-445 G |
| | 8411290619* | FOIA | | 8411200007 | 50-445 G |
| | 8411290622* | FOIA | | 8411200007 | 50-445 G |
| Bechtel Corp. | 8411020287* | 50-424 A | | 8411200148 | 50-445 G |
| | 8411020287* | 50-424 A | | 8411200200 | 50-445 G |
| | 8411050161* | 50-424 A | | 8411200200 | 50-445 G |
| | 8411050161* | 50-424 A | | 8411200200 | 50-445 G |
| | 8411050162* | 50-424 A | | 8411200206 | 50-445 G |
| | 8411050162* | 50-424 A | | 8411200206 | 50-445 G |
| | 8411050168* | 50-424 A | | 8411200206 | 50-445 G |
| | 8411050168* | 50-424 A | | 8411200306 | 50-445 T |
| | 8411050168* | 50-424 A | | 8411200306 | 50-445 T |
| | 8411050179* | 50-424 A | | 8411200317 | 50-445 G |
| | 8411050179* | 50-424 A | | 8411200317 | 50-445 G |
| | 8411050186* | 50-424 A | | 8411210424 | 50-445 G |
| | 8411050186* | 50-424 A | | 8411260012 | 50-445 G |
| | 8411050186* | 50-424 A | | 8411270189 | 50-445 G |
| | 8411050193* | 50-424 A | | 8411270189 | 50-445 G |
| | 8411050193* | 50-424 A | | 8411280269 | 50-445 G |
| | 8411050198* | 50-424 A | | 8411290304 | 50-445 G |
| | 8411050198* | 50-424 A | | 8411290304 | 50-445 G |
| | 8411050204* | 50-424 A | | 8411290341 | 50-445 G |
| | 8411050204* | 50-424 A | | 8411290341 | 50-445 G |
| | 8411050208* | 50-424 A | | 8411290352 | 50-445 G |
| | 8411050208* | 50-424 A | | 8411290358 | 50-445 G |
| | 8411050208* | 50-424 A | | 8411290358 | 50-445 G |
| | 8411050212* | 50-424 A | | 8411290371 | 50-445 G |
| | 8411050212* | 50-424 A | | 8411290371 | 50-445 G |
| | 8411050221* | 50-424 A | | 8411290371 | 50-445 G |
| | 8411050221* | 50-424 A | | 8411130313 | 71-53 |
| | 8411050225* | 50-424 A | Boeing Services International (subs. of Boeing Aerospace Corp.) | | |
| | 8411050225* | 50-424 A | | | |
| | 8411070003* | 50-206 P | Boston Edison Co. | 8411010334 | 50-293 F |
| | 8411070019 | 50-461 T | | 8411010338* | 50-293 F |
| | 8411070216* | 50-331 F | | 8411020155 | 50-293 G |
| | | | | 8411020191 | 50-293 P |
| | | | | 8411060251 | 50-293 S |
| Bel-Jean Copy/Print Center | 8411260139* | CONTRACT | | 8411090154 | 50-293 S |
| Bendix Corp. | 8411090181* | WASTE MGT | | 8411090159 | 50-293 S |
| | 8411090188* | WASTE MGT | | 8411090329 | 50-293 F |
| | 8411090193* | WASTE MGT | | 8411090331* | 50-293 F |
| | 8411090412* | WASTE MGT | | 8411140249 | 50-293 G |
| Berk County, PA | 8411060413* | 50-352 T | | 8411140350 | 50-293 F |
| Bishop, Liberman, Cook, Purcell & Reynolds | 8411010617* | 50-289 P | | 8411140359* | 50-293 G |
| | | | | 8411160174 | 50-293 G |
| | | | | 8411160283 | 50-293 F |

CORPORATE SOURCE INDEX

489

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|--------------------------------------------------------|---------------------|---------------------|-------------------------------------------|---------------------|---------------------|
| | 8411160330 | 50-293 P | CTL Engineers, Inc. | 8411210286 | 71-301 |
| | 8411160338 | 50-293 P | CYGNA Energy Services | 8411060302 | 50-443 A |
| | 8411190489 | 50-293 P | | 8411060302 | 50-443 A |
| | 8411210087 | 71-211 | | 8411060335 | 50-443 A |
| | 8411210089* | 71-211 | | 8411060335 | 50-443 A |
| | 8411260020 | 50-293 G | | 8411060406 | 50-443 A |
| | 8411260250 | 50-293 P | | 8411060416 | 50-443 A |
| | 8411260253* | 50-293 P | | 8411060436 | 50-443 A |
| | 8411270230 | 50-293 P | | 8411060450 | 50-443 A |
| | 8411280411 | 50-293 R | | 8411060453 | 50-443 A |
| | 8411290295* | 50-293 P | | 8411060453 | 50-443 A |
| | 8411290295* | 50-293 P | | 8411060453 | 50-443 A |
| | 8411290297* | 50-293 P | | 8411060453 | 50-443 A |
| | 8411290297* | 50-293 P | | 8411060459* | 50-443 A |
| | 8411290314* | 50-293 P | | 8411060509 | 50-443 S |
| | 8411290336* | 50-293 P | | 8411060532 | 50-443 A |
| | 8411290336* | 50-293 P | | 8411070049 | 50-443 A |
| | 8411290342* | 50-293 P | | 8411070049 | 50-443 A |
| | 8411290342* | 50-293 P | | 8411070054* | 50-443 A |
| | 8411290356* | 50-293 P | | 8411070054* | 50-443 A |
| | 8411290356* | 50-293 P | | 8411070061* | 50-443 A |
| | 8411290366* | 50-293 P | | 8411070065* | 50-443 A |
| | 8411290388* | 50-293 P | | 8411070065* | 50-443 A |
| | 8411290395* | 50-293 P | | 8411070072* | 50-443 A |
| Boyertown, PA | 8411290405* | 50-293 P | | 8411070078* | 50-443 A |
| | 8411010065* | 50-352 F | | 8411070078* | 50-443 A |
| | 8411010065* | 50-352 F | | 8411080084 | 50-443 A |
| | 8411010306* | 50-352 F | | 8411080091* | 50-443 A |
| | 8411010306* | 50-352 F | | 8411190065 | 50-443 A |
| | 8411010508* | 50-352 F | | 8411210184 | 50-341 A |
| | 8411010508* | 50-352 F | | 8411260277 | 50-443 A |
| | 8411030075 | 50-352 F | | 8411260349 | 50-443 A |
| Braunkohle Transport & Storage, Inc. | 8411030075 | 50-352 F | | 8411260410 | 50-443 A |
| | 8411260424 | XPORTLIC | | 8411270334 | 50-443 A |
| Brookhaven National Laboratory | 8410120010 | NUREG | | 8411270334 | 50-443 A |
| | 8411080095 | WASTE RES | | 8411270337* | 50-443 A |
| | 8411080115 | WASTE RES | | 8411270337* | 50-443 A |
| | 8411080117 | WASTE RES | California, State of | 8411070064* | 50-206 I |
| | 8411080124* | WASTE RES | | 8411070064* | 50-206 I |
| | 8411080132* | WASTE RES | | 8411070064* | 50-206 I |
| | 8411080197 | WASTE RES | | 8411070124* | 50-206 I |
| | 8411080206* | WASTE RES | | 8411070124* | 50-206 I |
| | 8411080293 | WASTE RES | | 8411070124* | 50-206 I |
| | 8411080673 | WASTE RES | | 8411070124* | 50-206 I |
| | 8411090447 | WASTE RES | | 8411070124* | 50-206 I |
| | 8411090451 | WASTE RES | | 8411070130* | 50-206 I |
| | 8411130577 | NUREG | California, State of, Northern California | 8411150290 | 50-275 G |
| | 8411130582 | NUREG | Power Agency | | |
| | 8411130622 | NUREG | California, Univ. of, Berkeley, CA | 8411080500* | WASTE RES |
| | 8411140096 | NUREG | | 8411190342 | 50-224 F |
| | 8411210131* | REVIEW GRP | California, Univ. of, Irvine, CA | 8411030257 | 50-326 F |
| | 8411210464* | 50-334 G | | 8411030264* | 50-326 F |
| | 8411290200* | FOIA | | 8411030268* | 50-326 F |
| | 8411290218* | FOIA | California, Univ. of, Los Angeles, CA | 8411070041 | PR |
| | 8411290221* | FOIA | | 8411020210 | 50-142 F |
| | 8411290226* | FOIA | | 8411060230 | 50-142 G |
| | 8411290230* | FOIA | | 8411130334 | 71-5942 |
| | 8411290235* | FOIA | | 8411130334 | 71-5942 |
| | 8411290238* | FOIA | | 8411130334 | 71-5942 |
| | 8411290243* | FOIA | | 8411130335* | 71-5942 |
| | 8411290250* | TOPREP | | 8411130411 | 71-522 |
| | 8411290253* | FOIA | | 8411130411 | 71-522 |
| | 8411290260* | FOIA | | 8411130411 | 71-522 |
| | 8411290265* | FOIA | | 8411130411 | 71-522 |
| | 8411290274* | FOIA | | 8411130422* | 71-522 |
| | 8411290279* | FOIA | | 8411130459 | 71-5942 |
| | 8411290282* | FOIA | | 8411130459 | 71-5942 |
| | 8411290288* | FOIA | | 8411130459 | 71-5942 |
| | 8411290291* | FOIA | | 8411150240 | 50-142 G |
| | 8411290296* | FOIA | | 8411150263* | 50-142 G |
| | 8411290299* | FOIA | | 8411210245 | 50-142 F |
| | 8411290332* | FOIA | California, Univ. of, Santa Cruz, CA | 8411070101 | PR |
| | 8411290340* | FOIA | | 8411070117* | PR |
| | 8411290350* | FOIA | | 8411070122* | PR |
| | 8411290603* | FOIA | | 8411270206 | 50-70 G |
| Brown & Root, Inc. (subs. of Halliburton Co.) | 8411130726* | 50-445 G | Capital X-Ray Service | 8411160146 | 71-228 |
| | 8411200354 | 50-498 G | | 8411160146 | 71-228 |
| Brown Boveri Corp. (subs. of Brown Boveri & Co., Ltd.) | 8411020137 | 50-206 S | | 8411160151* | 71-228 |
| Bucks County, PA | 8411270419 | 50-352 F | Carolina Power & Light Co. | 8411160151* | 71-228 |
| Business & Professional People for the Public Interest | 8411190374 | 50-434 G | | 8411010164 | 50-400 S |
| C-E Operating Plants Owners Group | 8411290292 | TOPREP | | 8411010192 | 50-155 S |
| | | | | 8411010496* | REVIEW GRP |
| | | | | 8411020061 | 50-400 G |
| | | | | 8411020424 | 50-325 S |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|---------------------------------------|---------------------|---------------------|-------------------------------------------------|---------------------|---------------------|
| | 8411050461 | 50-400 G | | 8411010559* | 50-352 F |
| | 8411060142 | 50-261 F | | 8411010561* | 50-352 F |
| | 8411060324 | 50-324 S | | 8411010561* | 50-352 F |
| | 8411060491 | 50-400 G | | 8411010672* | 50-352 F |
| | 8411060492* | 50-400 G | | 8411010672* | 50-352 F |
| | 8411060496* | 50-400 G | | 8411130630* | 50-352 T |
| | 8411060498* | 50-400 G | Chicago Fluid Power Co. | 8411060314 | QA999 |
| | 8411060501* | 50-400 G | Christic Institute | 8411060348 | 50-289 G |
| | 8411070033 | 50-400 T | | 8411060366* | 50-289 G |
| | 8411070033 | 50-400 T | | 8411150259 | 50-289 G |
| | 8411070040 | 50-324 F | | 8411150266* | 50-289 G |
| | 8411070040 | 50-324 F | | 8411190470 | 50-289 G |
| | 8411070044* | 50-400 T | | 8411260026 | 50-289 G |
| | 8411070044* | 50-400 T | | 8411260034* | 50-289 G |
| | 8411070046* | 50-324 F | Citizen Action in the Northeast | 8411270311 | 50-352 G |
| | 8411070046* | 50-324 F | | | |
| | 8411070057 | 50-324 P | Citizens Association for Sound Energy | 8411020035 | 50-445 G |
| | 8411070057 | 50-324 P | | 8411060266 | 50-445 G |
| | 8411070068* | 50-324 P | | 8411060266 | 50-445 G |
| | 8411070068* | 50-324 P | | 8411060463 | 50-445 G |
| | 8411070076 | 50-400 K | | 8411060471* | 50-445 G |
| | 8411070082* | 50-400 K | | 8411060471* | 50-445 G |
| | 8411070225 | 50-400 G | | 8411060481* | 50-445 G |
| | 8411070228* | 50-400 G | | 8411090265 | 50-445 G |
| | 8411080279 | 50-261 G | | 8411090265 | 50-445 G |
| | 8411080297* | 50-400 G | | 8411090281 | 50-445 G |
| | 8411120034 | 50-324 S | | 8411090281 | 50-445 G |
| | 8411120042 | 50-325 S | | 8411090293* | 50-445 G |
| | 8411130445 | 50-325 S | | 8411090293* | 50-445 G |
| | 8411130616 | 50-413 G | | 8411090299* | 50-445 G |
| | 8411140068* | 50-400 G | | 8411090299* | 50-445 G |
| | 8411140116 | 71-345 | | 8411090320 | 50-445 G |
| | 8411140117 | 50-324 P | | 8411090320 | 50-445 G |
| | 8411140128 | 50-324 P | | 8411090371* | 50-445 G |
| | 8411140242 | 50-400 E | | 8411090371* | 50-445 G |
| | 8411140279 | 50-261 P | | 8411090372* | 50-445 G |
| | 8411140286 | 50-400 G | | 8411190454 | 50-445 G |
| | 8411140315 | 50-325 S | | 8411190454 | 50-445 G |
| | 8411140370 | 50-400 A | | 8411190504 | 50-445 G |
| | 8411140504 | 50-400 G | | 8411200240 | 50-445 G |
| | 8411140507 | 50-324 R | | 8411200240 | 50-445 G |
| | 8411140511* | 50-324 R | | 8411270348 | 50-445 G |
| | 8411140529* | 50-261 G | | 8411270348 | 50-445 G |
| | 8411140531* | 50-261 G | | 8411270352* | 50-445 G |
| | 8411140571 | 50-324 S | | 8411270352* | 50-445 G |
| | 8411150008 | 50-261 P | | 8411270355* | 50-445 G |
| | 8411150010* | 50-261 P | | 8411270355* | 50-445 G |
| | 8411150074 | PRH | | 8411270412 | 50-445 G |
| | 8411150164 | 50-325 S | | 8411270412 | 50-445 G |
| | 8411160086 | 50-400 S | | 8411290334 | 50-445 G |
| | 8411160144 | 50-325 S | | 8411290365* | 50-445 G |
| | 8411160601 | 50-400 S | | 8411290365* | 50-445 G |
| | 8411190042 | 50-400 S | | 8411290373* | 50-445 G |
| | 8411190146 | 50-400 S | | 8411290373* | 50-445 G |
| | 8411190158 | 50-400 S | Citizens Concerned About Nuclear Power, Inc. | 8411290376* | 50-498 G |
| | 8411190333 | 50-325 S | | | |
| | 8411200027 | 50-261 R | Cleveland Electric Illuminating Co. | 8411020151 | 50-440 A |
| | 8411200071 | 50-400 S | | 8411020151 | 50-440 A |
| | 8411200258 | 50-400 F | | 8411020258 | 50-440 E |
| | 8411200397 | 50-261 S | | 8411030214 | 50-440 S |
| | 8411210006 | 50-261 S | | 8411060376 | 50-440 G |
| | 8411210041 | 50-400 S | | 8411060376 | 50-440 G |
| | 8411210052 | 50-325 S | | 8411060429 | 50-440 S |
| | 8411210127 | 50-400 K | | 8411060429 | 50-440 S |
| | 8411210447 | 50-325 S | | 8411090240 | 50-440 A |
| | 8411260268 | 50-400 E | | 8411090240 | 50-440 A |
| | 8411260325 | 50-261 P | | 8411120309 | 50-440 S |
| | 8411260359 | 50-261 F | | 8411120309 | 50-440 S |
| | 8411280322 | 50-325 S | | 8411120370 | 50-440 S |
| | 8411280355 | 50-325 S | | 8411120370 | 50-440 S |
| | 8411280512 | 50-400 S | | 8411130314 | 50-440 S |
| | 8411280521 | 50-400 S | | 8411130395 | 50-440 S |
| | 8411290401 | 50-400 S | | 8411130408 | 50-440 S |
| | 8411290422 | 50-400 G | | 8411130408 | 50-440 S |
| | 8411290574 | 50-400 S | | 8411190496 | 50-440 A |
| | 8411290574 | 50-400 S | | 8411190496 | 50-440 A |
| Center for Law in the Public Interest | 8411290224 | 50-275 P | | 8411200014 | 50-440 G |
| Chapel Hill Anti-Nuclear Group Effort | 8411200350 | 50-400 G | | 8411200297 | 50-440 E |
| Chem-Nuclear Systems, Inc. | 8411150280 | 71-9183 | | 8411200297 | 50-440 E |
| | 8411160229 | 71-6601 | | 8411200383 | 50-440 F |
| | 8411160240* | 71-6601 | | 8411200511 | 50-440 S |
| Chester County, PA | 8411010509* | 50-352 F | | 8411200511 | 50-440 S |
| | 8411010509* | 50-352 F | | 8411260051 | 50-440 S |
| | 8411010512* | 50-352 F | | 8411270104 | 50-440 E |
| | 8411010512* | 50-352 F | | 8411190121 | 40-8714 |
| | 8411010559* | 50-352 F | Cleveland-Cliffs Iron Co. | | |

491

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------------|---------------------|---------------------|
| | 8411070208 | 50-10 J |
| | 8411070214 | 50-373 S |
| | 8411080139 | 50-454 F |
| | 8411080139 | 50-454 F |
| | 8411080187 | 50-454 F |
| | 8411080187 | 50-454 F |
| | 8411080215 | 50-454 A |
| | 8411080215 | 50-454 A |
| | 8411080215 | 50-454 A |
| | 8411090283 | 50-454 A |
| | 8411090283 | 50-454 A |
| | 8411090283* | 50-454 A |
| | 8411090283* | 50-454 A |
| | 8411120117 | 50-237 S |
| | 8411120140 | 50-456 S |
| | 8411120449 | 50-295 S |
| | 8411130051 | 50-373 S |
| | 8411130106 | 50-373 S |
| | 8411130135 | 50-373 S |
| | 8411130267 | 50-265 S |
| | 8411130394 | 50-295 S |
| | 8411130498 | 50-295 S |
| | 8411140094 | 50-373 S |
| | 8411140235 | NUREG |
| | 8411140333 | 50-295 P |
| | 8411140333 | 50-295 P |
| | 8411140455 | 50-373 R |
| | 8411150002 | 50-237 P |
| | 8411150004 | 50-254 P |
| | 8411150012* | 50-254 P |
| | 8411150017 | 50-237 P |
| | 8411150017 | 50-237 P |
| | 8411150017 | 50-237 P |
| | 8411150017 | 50-237 P |
| | 8411150017 | 50-237 P |
| | 8411150021 | 50-237 P |
| | 8411150021 | 50-237 P |
| | 8411150029* | 50-237 P |
| | 8411150029* | 50-237 P |
| | 8411150069 | 50-237 F |
| | 8411150069 | 50-237 F |
| | 8411150071* | 50-237 F |
| | 8411150071* | 50-237 F |
| | 8411150092 | 50-254 F |
| | 8411150092 | 50-254 F |
| | 8411150095* | 50-254 F |
| | 8411150095* | 50-254 F |
| | 8411150102 | 50-456 F |
| | 8411150168* | 50-454 F |
| | 8411160334 | 50-10 F |
| | 8411160334 | 50-10 F |
| | 8411160334 | 50-10 F |
| | 8411160334 | 50-10 F |
| | 8411160334 | 50-10 F |
| | 8411160334 | 50-10 F |
| | 8411160334 | 50-10 F |
| | 8411160334 | 50-10 F |
| | 8411160334 | 50-10 F |
| | 8411160337 | 50-237 S |
| | 8411160371 | 70-2973 |
| | 8411160396 | 50-249 S |
| | 8411160418 | 50-249 S |
| | 8411190153 | 50-254 R |
| | 8411190216 | 50-374 S |
| | 8411190243 | 50-373 F |
| | 8411190244 | 50-295 S |
| | 8411190248* | 50-295 S |
| | 8411190295 | 50-373 F |
| | 8411190483 | 50-456 F |
| | 8411190483 | 50-456 F |
| | 8411200018 | 50-10 R |
| | 8411200018 | 50-10 R |
| | 8411200018 | 50-10 R |
| | 8411200023 | 50-295 R |
| | 8411200023 | 50-295 R |
| | 8411200128 | 50-454 P |
| | 8411200128 | 50-454 P |
| | 8411200151 | 50-237 P |
| | 8411200151 | 50-237 P |
| | 8411200157* | 50-237 P |
| | 8411200158 | 50-456 S |
| | 8411200164 | 50-454 F |
| | 8411200205 | 50-10 F |
| | 8411200211 | 50-237 P |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------------------------------------------------|---------------------|---------------------|--------------------------------------------------|---------------------|---------------------|
| | 8411200537 | 50-237 S | | 8411260015 | 50-3 F |
| | 8411200568 | 50-456 S | | 8411270540 | 50-247 S |
| | 8411200568 | 50-456 S | | 8411280025 | 50-247 P |
| | 8411210077 | 50-456 S | Consulting Psychologists Press, Inc. | 8411150032 | PR |
| | 8411210077 | 50-456 S | Consumers Power Co. | 8411010192 | 50-155 S |
| | 8411210243 | 71-9151 | | 8411050102 | 50-155 P |
| | 8411210255 | 50-456 S | | 8411060206 | 50-155 F |
| | 8411210401 | 50-304 S | | 8411060384 | 50-255 P |
| | 8411210461 | 50-254 R | | 8411060386* | 50-255 P |
| | 8411210461 | 50-254 R | | 8411070037 | 50-255 F |
| | 8411260042 | 50-373 S | | 8411070042 | 50-155 P |
| | 8411270002 | 50-249 S | | 8411070059 | 50-255 F |
| | 8411270042 | 50-237 Q | | 8411070066 | 50-255 F |
| | 8411270281 | 50-295 Q | | 8411080326 | 50-206 S |
| | 8411270295 | 50-454 P | | 8411080335 | 50-155 P |
| | 8411270297* | 50-454 P | | 8411080343* | 50-155 P |
| | 8411270313 | 50-454 P | | 8411080351* | 50-155 P |
| | 8411270313 | 50-454 P | | 8411090406 | 50-155 S |
| | 8411270333 | 50-454 Q | | 8411120099 | 50-155 P |
| | 8411270398 | 50-295 Q | | 8411120462 | 50-255 S |
| | 8411270424 | 50-454 Q | | 8411130270 | 50-329 Q |
| | 8411270536 | 50-249 S | | 8411140189 | 50-255 P |
| | 8411290251 | 50-304 S | | 8411140274 | 50-155 P |
| | 8411290262 | 50-249 S | | 8411140288* | 50-155 P |
| | 8411290287 | 50-373 S | | 8411140294* | 50-155 P |
| | 8411290306 | 50-373 S | | 8411140330 | 50-155 H |
| | 8411290378* | 50-373 Q | | 8411140330 | 50-155 H |
| | 8411290587 | 50-373 S | | 8411140330 | 50-155 H |
| Computer Products, Inc. | 8411290595 | 50-373 S | | 8411150045 | 50-155 P |
| | 8411090214 | PT21 | | 8411150053* | 50-155 P |
| Concerned Citizens of Louisa County | 8411060544 | 50-338 Q | | 8411150062* | 50-155 P |
| | 8411060544 | 50-338 Q | | 8411150284 | 50-155 R |
| | 8411060595 | 50-338 Q | | 8411190354* | 50-255 Q |
| | 8411060599 | 50-338 Q | | 8411190549* | 50-155 Q |
| | 8411060599 | 50-338 Q | | 8411200142 | 50-255 Q |
| Conference of Radiation Control Program Directors, Inc. | 8411280232 | REG0D | | 8411200332 | 50-155 P |
| Connecticut Yankee Atomic Power Co. | 8411010335 | 50-213 P | | 8411200334* | 50-155 P |
| | 8411050284 | 50-213 F | | 8411200373 | 50-255 P |
| | 8411050425 | 50-213 P | | 8411210217 | 50-155 P |
| | 8411080199 | 50-213 P | | 8411210223* | 50-155 P |
| | 8411090201 | 50-213 S | | 8411210229* | 50-155 P |
| | 8411130493 | 50-213 S | | 8411210246 | 50-329 S |
| | 8411140164 | 50-213 P | | 8411260122 | 50-255 R |
| | 8411140567 | 50-213 S | | 8411260275 | 50-155 P |
| | 8411150341 | 50-213 R | | 8411260283 | 50-155 Q |
| | 8411190403 | 50-213 P | | 8411260431 | 50-155 Q |
| | 8411190438 | 50-213 P | | 8411260431 | 50-155 Q |
| | 8411190444* | 50-213 P | | 8411270032 | 50-255 F |
| | 8411200204 | 50-213 F | | 8411270036* | 50-255 F |
| | 8411260528 | 50-213 S | | 8411290099 | 50-155 F |
| Conner & Wetterhahn | 8411290330 | 50-213 S | | 8411290113 | 50-155 P |
| | 8411060285 | 50-352 Q | | 8411290349* | 50-155 P |
| | 8411060285 | 50-352 Q | | 8411290353* | 50-155 P |
| | 8411060330 | 50-352 Q | | 8411290568 | 50-255 S |
| | 8411060330 | 50-352 Q | | 8411150061* | TOPREP |
| | 8411060355 | 50-352 Q | Continuum Dynamics, Inc. | | |
| | 8411060355 | 50-352 Q | Cooper Hosp./Univ. Medical Center, Camden, NJ | 8411290203 | FOIA |
| | 8411060425 | 50-352 Q | CorSTAR Research, Inc. | 8411080147 | WASTE RES |
| | 8411060425 | 50-352 Q | | 8411080158 | WASTE RES |
| | 8411060434 | 50-352 Q | | 8411080327 | WASTE RES |
| | 8411060434 | 50-352 Q | | 8411080341 | WASTE RES |
| | 8411060454 | 50-352 Q | | 8411080418 | WASTE RES |
| | 8411130603 | 50-352 Q | | 8411080438 | WASTE RES |
| | 8411140476 | 50-354 Q | | 8411080448 | WASTE RES |
| | 8411200183 | 50-352 Q | | 8411080463 | WASTE RES |
| | 8411270329 | 50-352 Q | | 8411080670 | WASTE RES |
| Conover & Associates, Inc. | 8411150058 | 70-1621 | | 8411090264 | WASTE RES |
| Conservation Council of North Carolina | 8411280200 | 50-400 Q | | 8411090301 | WASTE RES |
| Consolidated Edison Co. of New York, Inc. | 8411010324 | 50-247 Q | | 8411090306* | WASTE RES |
| | 8411010540 | 50-3 F | | 8411090443 | WASTE RES |
| | 8411010540 | 50-3 F | | 8411120282 | WASTE RES |
| | 8411010545* | 50-3 F | | 8411280582* | CONTRACT |
| | 8411010545* | 50-3 F | Covington & Burling | 8411150276 | 40-2061 |
| | 8411020217 | 50-247 P | | 8411190239 | 40-2061 |
| | 8411050199 | 50-247 P | | 8411190245* | 40-2061 |
| | 8411050203* | 50-247 P | | 8411210383 | 40-2061 |
| | 8411060136 | 50-247 S | | 8411290281 | FOIA |
| | 8411060178 | 50-247 P | Critical Mass Energy Project | 8411210084 | 71-161 |
| | 8411070341 | 50-247 S | Curtiss - Wright Corp. | 8411050389 | 50-409 P |
| | 8411120215 | 50-247 F | Dairyland Power Cooperative | 8411050444 | 50-409 F |
| | 8411140608 | 50-247 R | | 8411060192 | 50-409 P |
| | 8411150028 | 50-247 F | | 8411070004 | 50-409 Q |
| | 8411190151 | 50-247 Q | | 8411120058 | 50-409 S |
| | 8411200385 | 50-247 S | | 8411140568 | 50-409 R |
| | 8411260015 | 50-3 F | | 8411200035 | 50-409 R |

CORPORATE SOURCE INDEX

493

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------|-----------------------------------------------------------------------|----------------------------------------------------------|
| Daniel International Corp. (subs. of Fluor Corp.) | 8411290511 8411210252 | 50-409 F 71-120 | | 8411150011 8411150011 8411150014* | 50-206 S 50-206 S 50-369 G |
| DeKalb Area Alliance for Responsible Energy | 8411090268 | 50-454 G | | 8411150038 8411150038 | 50-369 P 50-369 P |
| Defense, Dept. of | 8411060359* | 50-289 G | | 8411150046* | 50-369 P |
| Del-Aware Unlimited, Inc. | 8411200298 | 50-352 G | | 8411150046* | 50-369 P |
| Detroit Edison Co. | 8411020422 8411030433 8411060078 8411060159 8411060225* | 50-341 A 50-341 S 50-341 S 50-341 G 50-341 G | | 8411150070 8411150078 8411150079 | PR 50-413 P 50-269 P |
| | 8411080314 8411120178* 8411120317 8411130404 8411130477 | 50-341 G 50-341 G 50-341 A 50-341 S 50-341 S | | 8411150079 8411150079 8411150088* 8411150088* 8411150088* | 50-269 P 50-269 P 50-269 P 50-269 P 50-269 P |
| | 8411190188 8411190493 8411210270 8411260010 8411260479 | 50-341 F 50-341 G 50-341 S 50-341 G 50-341 S | | 8411150107 8411150141 8411150141 8411160186 8411160345 | 30-413 E 30-413 F 30-413 F 50-413 S 50-269 S |
| | 8411280241 8411280276 8411280502* | 50-341 E 50-341 E 50-341 G | | 8411160394 8411190069 8411190083 8411190083 8411190512 | 50-414 S 50-414 S 50-413 S 50-413 S 50-414 G |
| Doc-Search Associates Don L. Warner, Inc. | 8411290178 8411210236* | FDIA 70-820 | | 8411190557 8411200064 8411200064 8411200223 8411200223 | 50-413 P 50-413 S 50-413 S 50-369 P 50-369 P |
| Donaldson, Lufkin & Jenrette Dougherty, J. B. | 8411290195 8411060544 8411060595 8410120139* | FDIA 50-338 G 50-338 G 50-277 G | | 8411200230* 8411200230* 8411200432 8411200565 8411200567 | 50-369 P 50-369 P 50-413 S 50-369 S 50-413 G |
| Drexel Univ., Philadelphia, PA DuBoise Steel, Inc. | 8411210237 8411210271 8411210278 8411210314 8411010116 8411010121 | GA999 GA999 GA999 GA999 50-413 F 50-269 P | | 8411200569* 8411210062 8411210478 8411260019 8411260031 | 50-369 S 50-269 S 50-413 S 50-269 R 50-413 P |
| Duke Power Co. | 8411010145 8411010152* 8411010262 8411010269* 8411010372 | 50-413 S 50-413 F 50-413 P 50-413 P 50-369 P | | 8411260049 8411260049 8411260049 8411260115 8411260134 | 50-206 S 50-206 S 50-206 S 50-413 R 50-369 R |
| | 8411020198 8411020271 8411030618 8411030626 8411050308 | 50-369 P 50-369 G 50-413 S 50-370 S 50-269 P | | 8411260134 8411260161 8411260263 8411260323 8411260328* | 50-369 R 50-369 S 50-269 P 50-269 F 50-269 F |
| | 8411050363 8411050363 8411050375* 8411050375* 8411060128 | 50-369 P 50-369 P 50-369 P 50-369 P 50-413 S | | 8411270085 8411270421 8411270423 8411270423 8411280461 | PRM 50-269 G 50-369 P 50-369 P 50-413 S |
| | 8411060128 8411060427 8411060431* 8411070028 8411070143 | 50-413 S 50-413 P 50-413 P 50-269 F 50-413 G | | 8411290128 8411290357 8410190337 8411010141 8411020219 | 50-413 S 50-413 S 70-3008 50-412 E 50-412 G |
| | 8411070143 8411080043 8411080235 8411080235 8411080235 | 50-413 G 50-269 G 50-206 S 50-206 S 50-206 S | Duquesne Light Co. | 8411020263 8411050242 8411050451 8411060160 8411060397 | 50-334 P 50-334 G 50-412 G 50-412 E 50-334 P |
| | 8411080243 8411080300 8411080364 8411090203 8411090203 | 50-369 F 50-369 G 50-269 P 50-369 P 50-369 P | | 8411060531 8411080033 8411080230 8411120160 8411120203 | 50-412 A 50-412 G 50-334 G 50-412 A 50-412 S |
| | 8411090314 8411090316* 8411090319* 8411130442 8411130482 | 50-413 P 50-413 P 50-413 P 50-370 S 50-370 S | | 8411130273 8411130412 8411140134 8411140141 8411140161 | 50-334 R 71-9111 50-412 A 50-412 F 50-334 F |
| | 8411140052 8411140052 8411140052 8411140052 8411140052 | 50-206 S 50-206 S 50-206 S 50-206 S 50-206 S | | 8411140191 8411140256 8411140258 8411140266 8411150289 | 50-412 A 50-412 A 50-412 E 50-412 A 50-334 R |
| | 8411140052 8411140302 8411140344 8411140344 8411140344 | 50-206 S 50-269 P 50-206 S 50-206 S 50-206 S | | 8411160297* 8411190079 8411190218 8411190306 8411190445 | 50-334 G 50-412 S 50-412 S 50-412 E 50-412 A |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------------------------------------|---------------------|---------------------|------------------------------------------------------|---------------------|---------------------|
| | 8411190563 | 50-412 A | | 8411030595 | 50-352 F |
| | 8411190566* | 50-412 A | | 8411030595 | 50-352 F |
| | 8411210201 | 50-334 P | | 8411050048 | 50-352 F |
| | 8411260316 | 50-412 A | | 8411050048 | 50-352 F |
| | 8411260459 | 50-341 S | | 8411050052* | 50-352 F |
| | 8411260471 | 50-341 S | | 8411050052* | 50-352 F |
| | 8411270249 | 50-334 P | | 8411050057* | 50-352 F |
| | 8411270254* | 50-334 P | | 8411050057* | 50-352 F |
| | 8411270258* | 50-334 P | | 8411050380 | 50-352 F |
| | 8411270332 | 50-412 A | | 8411050380 | 50-352 F |
| | 8411270395 | 50-334 P | | 8411050387* | 50-352 F |
| | 8411280188 | 50-412 F | | 8411050387* | 50-352 F |
| | 8411280581 | 50-412 S | | 8411050391* | 50-352 F |
| | 8411290465 | 50-334 S | | 8411050391* | 50-352 F |
| E. C. Gerken & Associates, Inc. | 8411090105 | MISC | Energy Engineering Group | 8411160466* | 50-410 A |
| EG&G, Inc. | 8410310588* | 50-423 A | Energy Fuels Nuclear, Inc. | 8411160519 | 40-8681 |
| | 8411030022* | 50-461 A | | 8411190013 | 40-8681 |
| | 84111130557 | NUREG | | 8411190583 | 40-8681 |
| | 8411130732 | NUREG | Energy Impact Associates | 8411200130 | 40-8675 |
| | 8411130734 | NUREG | | 8411050393* | 50-266 P |
| | 8411140035 | NUREG | | 8411130505 | 40-7455 |
| East Pikeland Township, PA | 8411270383* | 50-206 P | | 8411130507* | 40-7455 |
| | 8411010559* | 50-352 F | Energy, Dept. of | 8411020355 | 71-9860 |
| | 8411010559* | 50-352 F | | 8411030467 | WASTE MGT |
| | 8411010561* | 50-352 F | | 8411030474* | WASTE MGT |
| Eastman Kodak Co. | 8411010561* | 50-352 F | | 8411030483* | WASTE MGT |
| | 8411140192 | 71-92 | | 8411030489* | WASTE MGT |
| | 8411140329* | 71-92 | | 8411030495* | WASTE MGT |
| Ebasco Services, Inc. (subs. of Enserch Corp.) | 8411060309* | 50-445 Q | | 8411030501* | WASTE MGT |
| | 8411090198* | 50-382 S | | 8411030507* | WASTE MGT |
| Ecology/Alert | 8411280243 | PRM | | 8411030513* | WASTE MGT |
| Eddleman, W. | 8411020038 | 50-400 Q | | 8411050333 | PR |
| | 8411190341* | 50-400 Q | | 8411080038* | WASTE RES |
| | 8411260063 | 50-400 Q | | 8411080447 | WASTE MGT |
| Edlow International Co. | 8411070243* | XPORTLIC | | 8411080464 | WASTE MGT |
| | 8411160163 | XPORTLIC | | 8411080539* | WASTE MGT |
| | 8411160496 | 70-2935 | | 8411080546 | WASTE MGT |
| | 8411260295 | XPORTLIC | | 8411080586 | WASTE MGT |
| Educators for Social Responsibility | 8411070176 | PR | | 8411080626 | WASTE MGT |
| Electric Power Research Institute | 8411050437* | 50-289 T | | 8411080631* | WASTE MGT |
| | 8411060519* | 50-289 T | | 8411080636 | WASTE MGT |
| | 8411070140 | PR | | 8411080652 | WASTE MGT |
| Elliott, C.W. | 8411200022 | 50-352 Q | | 8411080680 | WASTE MGT |
| | 8411200237 | 50-352 Q | | 8411090013 | WASTE MGT |
| Energy Consultants, Inc. | 8411010058 | 50-352 F | | 8411090014 | WASTE MGT |
| | 8411010156 | 50-352 F | | 8411090017 | WASTE MGT |
| | 8411010156 | 50-352 F | | 8411090018 | WASTE MGT |
| | 8411010156 | 50-352 F | | 8411090116 | WASTE MGT |
| | 8411010161* | 50-352 F | | 8411090171 | WASTE MGT |
| | 8411010161* | 50-352 F | | 8411090185 | WASTE MGT |
| | 8411010502 | 50-352 F | | 8411090275 | 50-537 Q |
| | 8411010502 | 50-352 F | | 8411090307 | WASTE MGT |
| | 8411010505 | 50-352 F | | 8411090324 | WASTE MGT |
| | 8411010505 | 50-352 F | | 8411090401 | WASTE MGT |
| | 8411010515 | 50-352 F | | 8411090477 | WASTE MGT |
| | 8411010515 | 50-352 F | | 8411090482* | WASTE MGT |
| | 8411010516 | 50-352 F | | 8411090505 | WASTE MGT |
| | 8411010516 | 50-352 F | | 8411120199 | WASTE MGT |
| | 8411010537 | 50-352 F | | 8411120206* | WASTE MGT |
| | 8411010537 | 50-352 F | | 8411120208* | WASTE MGT |
| | 8411010591 | 50-352 F | | 8411120214* | WASTE MGT |
| | 8411010591 | 50-352 F | | 8411120220* | WASTE MGT |
| | 8411020110 | 50-352 F | | 8411120225* | WASTE MGT |
| | 8411020110 | 50-352 F | | 8411120228* | WASTE MGT |
| | 8411020113* | 50-352 F | | 8411120233* | WASTE MGT |
| | 8411020113* | 50-352 F | | 8411130328 | PROJ |
| | 8411020116* | 50-352 F | | 8411160130 | 71-5814 |
| | 8411020116* | 50-352 F | | 8411290205* | FOIA |
| | 8411020359 | 50-352 F | | 8411290564* | FOIA |
| | 8411020359 | 50-352 F | Energy, Dept. of, Clinch River Breeder Reactor Plant | 8411140354 | 50-537 Q |
| | 8411020362* | 50-352 F | Energy, Inc. | 8411060511* | 50-289 T |
| | 8411020362* | 50-352 F | Engineering & Economics Research, Inc. | 8411050226* | REVIEW GRP |
| | 8411020364* | 50-352 F | Engineers International, Inc. | 8411050478 | WASTE RES |
| | 8411020364* | 50-352 F | | 8411050480 | WASTE RES |
| | 8411030044 | 50-352 F | | 8411050485 | WASTE RES |
| | 8411030044 | 50-352 F | | 8411050487 | WASTE RES |
| | 8411030052* | 50-352 F | | 8411050488 | WASTE RES |
| | 8411030052* | 50-352 F | | 8411050492 | WASTE RES |
| | 8411030057* | 50-352 F | | 8411050496 | WASTE RES |
| | 8411030057* | 50-352 F | | 8411050499 | WASTE RES |
| | 8411030063 | 50-352 F | | 8411050503 | WASTE RES |
| | 8411030063 | 50-352 F | | 8411050517 | WASTE RES |
| | 8411030070* | 50-352 F | | 8411050523 | WASTE RES |
| | 8411030070* | 50-352 F | | 8411050525 | WASTE RES |

CORPORATE SOURCE INDEX

495

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------------------------------------|---------------------|---------------------|-----------------------------------------------|---------------------|---------------------|
| | 8411050529 | WASTE RES | | 8411270415* | PR |
| | 8411050531 | WASTE RES | Florida Power & Light Co. | 8411010348 | 50-250 F |
| | 8411050533 | WASTE RES | | 8411010353 | 50-335 P |
| | 8411050536 | WASTE RES | | 8411010422 | 50-250 S |
| | 8411050539 | WASTE RES | | 8411010428 | 50-251 S |
| | 8411050541 | WASTE RES | | 8411010639 | 50-335 S |
| | 8411050548 | WASTE RES | | 8411020212 | 50-250 F |
| | 8411080018 | WASTE RES | | 8411050217 | 50-335 P |
| | 8411080025 | WASTE RES | | 8411060208 | 50-335 P |
| | 8411080032 | WASTE RES | | 8411060325 | 50-335 F |
| | 8411080039 | WASTE RES | | 8411060448* | 50-289 T |
| | 8411080041 | WASTE RES | | 8411070113 | 50-250 S |
| | 8411080048 | WASTE RES | | 8411080193 | 50-250 F |
| | 8411080050 | WASTE RES | | 8411080268 | 50-389 Q |
| | 8411080058 | WASTE RES | | 8411090269 | 50-250 P |
| | 8411080062* | WASTE RES | | 8411090344 | 50-389 P |
| | 8411080063 | WASTE RES | | 8411120113 | 50-250 F |
| | 8411080068* | WASTE RES | | 8411120131 | 50-335 S |
| | 8411080073 | WASTE RES | | 8411120363 | 50-389 P |
| | 8411080080 | WASTE RES | | 8411120371* | 50-389 P |
| | 8411080094 | WASTE RES | | 8411140007* | 50-250 Q |
| | 8411080106 | WASTE RES | | 8411140264 | 50-250 P |
| | 8411080186 | WASTE RES | | 8411140273* | 50-250 P |
| | 8411080228 | WASTE RES | | 8411140343 | 50-389 F |
| | 8411080365 | WASTE RES | | 8411150139 | 50-250 R |
| | 8411080383 | WASTE RES | | 8411160419 | 50-251 S |
| | 8411080391 | WASTE RES | | 8411190128 | 50-335 S |
| | 8411080404 | WASTE RES | | 8411190289 | 50-389 P |
| | 8411080408 | WASTE RES | | 8411190312 | 50-250 S |
| | 8411080413 | WASTE RES | | 8411190447 | 50-250 P |
| | 8411080416 | WASTE RES | | 8411190447 | 50-250 P |
| | 8411080440 | WASTE RES | | 8411190453* | 50-250 P |
| | 8411080459* | WASTE RES | | 8411190453* | 50-250 P |
| | 8411080471 | WASTE RES | | 8411190596 | 50-251 S |
| | 8411080480 | WASTE RES | | 8411200260 | 50-250 F |
| | 8411080482* | WASTE RES | | 8411200260 | 50-250 F |
| | 8411080497* | WASTE RES | | 8411260257 | 50-389 P |
| | 8411080501 | WASTE RES | | 8411260272 | 50-389 Q |
| | 8411080521 | WASTE RES | | 8411260339 | 50-250 Q |
| | 8411080527 | WASTE RES | | 8411280030 | 50-250 R |
| | 8411080532 | WASTE RES | | 8411280145 | 50-251 S |
| | 8411080535 | WASTE RES | | 8411280291 | 50-250 F |
| | 8411080543 | WASTE RES | | 8411280305 | 50-389 S |
| | 8411080657 | WASTE RES | Florida Power Corp. | 8411020206 | 50-302 P |
| | 8411090003 | WASTE RES | | 8411060152 | 50-302 Q |
| | 8411090048 | WASTE RES | | 8411060181 | 50-302 P |
| | 8411090057 | WASTE RES | | 8411130613* | 50-302 Q |
| | 8411090069 | WASTE RES | | 8411140345 | 50-302 P |
| | 8411090077 | WASTE RES | | 8411140353 | 50-302 P |
| | 8411090127 | WASTE RES | | 8411140356* | 50-302 P |
| | 8411090140* | WASTE RES | | 8411190565 | 50-302 S |
| | 8411090257 | WASTE RES | | 8411190581 | 50-302 S |
| | 8411090327 | WASTE RES | | 8411260273 | 50-302 F |
| | 8411090410 | WASTE RES | | 8411260297 | 50-302 F |
| | 8411120231 | WASTE RES | | 8411260407 | 50-302 Q |
| Environmental Protection Agency | 8411290321 | 50-315 P | | 8411290640 | 50-302 S |
| EnviroSphere Co. | 8411090493* | CONTRACT | Florida, Univ. of, Gainesville, FL | 8411070112 | PR |
| Ertec, Inc. | 8411090497* | CONTRACT | | 8411070121* | PR |
| European Communities, Commission of | 8411260413 | XPORTLIC | Forensic Technologies International Corp. | 8411120138* | 50-335 S |
| Exam Co. | 8411210359 | 71-321 | Franklin Institute/Franklin Research Center | 8112280441* | 50-259 P |
| | 8411210361* | 71-321 | | 8409210112* | 50-389 P |
| | 8411210364* | 71-321 | | 8410090384* | 50-344 P |
| Exxon Corp. | 8411140072 | 40-8102 | | 8410120129* | 50-277 Q |
| Exxon Nuclear Co., Inc. (subs. of Exxon Corp.) | 8411130329 | 70-1257 | | 8411130314* | CONTRACT |
| | 8411140510 | XPORTLIC | | 8411200358* | 50-244 P |
| | 8411190518 | TOPREP | | 8411280525* | 50-247 Q |
| | 8411190531 | TOPREP | Friends of the Earth | 8411060586 | 50-352 Q |
| | 8411210251 | 70-1257 | | 8411270301 | 50-352 Q |
| | 8411260159 | XPORTLIC | | 8411270303* | 50-352 Q |
| | 8411260198 | TOPREP | GA Technologies, Inc./General Atomic Co. | 8411070006 | PR |
| | 8411260420 | XPORTLIC | | 8411070012* | PR |
| FBI Services | 8411290248 | FOIA | | 8411070021* | PR |
| Failure Analysis Associates | 8411060585* | 50-322 Q | | 8411080011* | WASTE RES |
| Fauske & Associates, Inc. | 8411290233* | 50-206 S | | 8411260043 | TOPREP |
| | 8411210128* | REVIEW ORP | | 8411260105* | TOPREP |
| Federal Emergency Management Agency | 8411010114* | 50-416 F | | 8411260291 | XPORTLIC |
| | 8411060488 | 50-352 T | Gallo, J. | 8411090476 | 50-445 T |
| | 8411060598 | 50-352 Q | Gamma Industries, Inc. | 8411210312 | 71-10 |
| | 8411130138 | 50-322 Q | | 8411210313* | 71-10 |
| | 8411210259 | 50-322 F | Gannett Fleming Environmental Engineers, Inc. | 8411050215 | WASTE RES |
| | 8411210263* | 50-322 F | | | |
| | 8411210282 | 50-275 F | General Electric Co. | 8411010481 | 70-1308 |
| | 8411270326 | 50-482 F | | 8411080594 | XPORTLIC |
| Federation of American Scientists | 8411270411* | PR | | 8411080568 | 27-48 |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------------------------------------|---------------------|---------------------|----------------------------------------------|---------------------|---------------------|
| | 8411090141 | XPORTLIC | | 8411090475 | 50-289 G |
| | 8411130386 | 50-70 F | | 8411120141 | 50-219 S |
| | 8411130419 | XPORTLIC | | 8411120224 | 50-289 S |
| | 8411130428 | 70-1113 | | 8411120318 | 50-320 G |
| | 8411130452 | XPORTLIC | | 8411130600 | 50-289 G |
| | 8411130454 | 70-1113 | | 8411130617* | 50-289 G |
| | 8411130612 | XPORTLIC | | 8411130665 | 50-289 G |
| | 8411140281 | 50-73 P | | 8411130677 | 50-289 G |
| | 8411140293* | 50-73 P | | 8411140168 | 50-320 G |
| | 8411140449 | 70-1113 | | 8411140190 | 50-219 G |
| | 8411150020 | TOPREP | | 8411140213 | 50-320 P |
| | 8411150055 | TOPREP | | 8411140222* | 50-320 P |
| | 8411160007 | 70-1113 | | 8411140229* | 50-320 P |
| | 8411160182* | 50-293 G | | 8411140234* | 50-320 P |
| | 8411160315 | TOPREP | | 8411140251 | 50-219 S |
| | 8411160343* | 50-293 P | | 8411140352 | 50-289 F |
| | 8411160359 | XPORTLIC | | 8411140373* | 50-289 G |
| | 8411160364* | XPORTLIC | | 8411140381 | 50-320 P |
| | 8411200270 | 50-70 G | | 8411140393 | 50-289 P |
| | 8411210285 | 70-1113 | | 8411140425 | 50-289 G |
| | 8411260383* | 50-237 P | | 8411140437 | 50-219 R |
| | 8411290176 | 50-293 F | | 8411140446* | 50-320 P |
| | 8411290184* | 50-293 F | | 8411150075 | 50-320 F |
| | 8411290316* | 50-293 P | | 8411150080* | 50-320 F |
| | 8411290380* | 50-293 P | | 8411160024 | 50-289 P |
| General Physics Corp. | 8411290438* | FDIA | | 8411160137 | 50-219 G |
| | 8411060241* | CONTRACT | | 8411160223 | 50-219 S |
| General Public Utilities - GPU Service Corp. | 8411080510* | CONTRACT | | 8411160303 | 50-320 G |
| | 8311020294 | 50-289 P | | 8411190183 | 50-289 G |
| | 8411010240 | 50-289 F | | 8411190268 | 50-289 F |
| | 8411010276 | 50-219 P | | 8411190271 | 50-320 F |
| | 8411010333 | 50-289 G | | 8411190383 | 50-320 P |
| | 8411010354 | 50-219 P | | 8411190386* | 50-320 P |
| | 8411010361* | 50-219 P | | 8411190513 | 50-320 P |
| | 8411020026 | 50-289 G | | 8411190522* | 50-320 P |
| | 8411020031 | 50-289 G | | 8411210189 | 50-289 F |
| | 8411020053 | 50-219 S | | 8411210381 | 50-320 S |
| | 8411020059 | 50-289 G | | 8411210476 | 50-320 S |
| | 8411020119 | 50-320 P | | 8411260021 | 50-289 G |
| | 8411020513 | 50-289 G | | 8411260033* | 50-289 G |
| | 8411020533 | 50-289 G | | 8411260068 | 50-289 G |
| | 8411020538 | 50-289 G | | 8411260117 | 50-289 P |
| | 8411020545* | 50-289 G | | 8411260149 | 50-289 R |
| | 8411030732 | 50-219 S | | 8411260156 | 50-289 P |
| | 8411050343 | 50-289 F | | 8411260172 | 50-219 R |
| | 8411050397 | 50-320 P | | 8411260387 | 50-320 R |
| | 8411050400* | 50-320 P | | 8411260417 | 50-289 P |
| | 8411050427 | 50-289 T | | 8411270122 | 50-219 G |
| | 8411050431* | 50-289 T | | 8411270262 | 50-219 P |
| | 8411050434* | 50-289 T | | 8411280268 | 50-320 P |
| | 8411050437* | 50-289 T | | 8411280283 | 50-289 G |
| | 8411050440* | 50-289 T | | 8411280334 | 50-320 S |
| | 8411060117 | 50-289 P | | 8411280348 | 50-219 S |
| | 8411060121* | 50-289 P | | 8411280563 | 50-320 S |
| | 8411060177 | 50-320 S | | 8411290325 | 50-289 G |
| | 8411060195 | 50-289 F | Georgia Institute of Technology, Atlanta, GA | 8411070127 | PR |
| | 8411060312 | 50-320 F | Georgia Power Co. | 8411010340 | 50-321 S |
| | 8411060372 | 50-320 P | | 8411020283 | 50-424 A |
| | 8411060390 | 50-320 P | | 8411030636 | 50-366 S |
| | 8411060443 | 50-289 T | | 8411050157 | 50-424 A |
| | 8411060448* | 50-289 T | | 8411050157 | 50-424 A |
| | 8411060467 | 50-289 G | | 8411050321 | 50-321 F |
| | 8411060478 | 50-289 T | | 8411060103 | 50-424 F |
| | 8411060493* | 50-289 T | | 8411060103 | 50-424 F |
| | 8411060497 | 50-289 T | | 8411070215 | 50-366 S |
| | 8411060504* | 50-289 T | | 8411070236 | 50-424 G |
| | 8411060505* | 50-289 T | | 8411080296 | 50-424 A |
| | 8411060511* | 50-289 T | | 8411080566 | 50-321 S |
| | 8411060513* | 50-289 T | | 8411090115 | 50-321 F |
| | 8411060519* | 50-289 T | | 8411090115 | 50-321 F |
| | 8411060521* | 50-289 T | | 8411090122* | 50-321 F |
| | 8411060543 | 50-320 S | | 8411090364 | 50-321 S |
| | 8411060552 | 50-320 S | | 8411090390 | 50-366 S |
| | 8411070211 | 50-289 G | | 8411120102 | 50-321 P |
| | 8411070251 | 50-289 G | | 8411120245 | 50-321 F |
| | 8411080146 | 50-320 P | | 8411130602 | 50-321 R |
| | 8411080181* | 50-320 P | | 8411140176 | 50-424 A |
| | 8411080313 | 50-320 P | | 8411140176 | 50-424 A |
| | 8411080318* | 50-320 P | | 8411140182 | 50-366 S |
| | 8411090252 | 50-320 P | | 8411140261 | 50-424 A |
| | 8411090274* | 50-320 P | | 8411140261 | 50-424 A |
| | 8411090279* | 50-289 G | | 8411150197* | 50-321 G |
| | 8411090448 | 50-289 G | | 8411150212* | 50-321 G |
| | 8411090468 | 50-289 G | | | |

CORPORATE SOURCE INDEX

497

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------------------------------|---------------------|---------------------|-------------------------------------------------------------------|---------------------|---------------------|
| | 8411150236 | 50-424 G | | 8411060469* | 50-445 A |
| | 8411150265* | 50-321 G | | 8411060469* | 50-445 A |
| | 8411160001 | 50-366 S | | 8411060474* | 50-445 A |
| | 8411160005 | 50-366 S | | 8411060474* | 50-445 A |
| | 8411160068 | 50-321 S | | 8411060477* | 50-445 A |
| | 8411160109 | 50-366 S | | 8411060477* | 50-445 A |
| | 8411160126 | 50-321 S | | 8411060484* | 50-445 A |
| | 8411160165 | 50-424 K | | 8411060484* | 50-445 A |
| | 8411160165 | 50-424 K | | 8411080305 | 50-445 A |
| | 8411160171* | 50-424 K | Gilbert/Commonwealth, Inc. (formerly Gilbert Associates, Inc.) | 8411120313* | 50-440 S |
| | 8411160307 | 50-321 F | | 8411120319* | 50-440 S |
| | 8411160307 | 50-321 F | | 8411120323* | 50-440 S |
| | 8411190508 | 50-321 P | | 8411120334* | 50-440 S |
| | 8411190534 | 50-321 P | | 8411120339* | 50-440 S |
| | 8411200006 | 50-321 P | | 8411120344* | 50-440 S |
| | 8411200066 | 50-424 S | | 8411120348* | 50-440 S |
| | 8411200147 | 50-424 S | | 8411120353* | 50-440 S |
| | 8411200384 | 50-321 S | | 8411120361* | 50-440 S |
| | 8411210082 | 50-321 S | | 8411120369* | 50-440 S |
| | 8411210140 | 50-321 P | | 8411120388* | 50-440 S |
| | 8411210140 | 50-321 P | | | |
| | 8411210150* | 50-321 P | Globe X-Ray Services, Inc. | 8411160172 | 71-146 |
| | 8411210150* | 50-321 P | | 8411160179* | 71-146 |
| | 8411210481 | 50-321 S | Colder Associates | 8411030800* | WASTE RES |
| | 8411260384 | 50-321 P | | 8411050014 | WASTE RES |
| | 8411260384 | 50-321 P | | 8411050019 | WASTE RES |
| | 8411260391* | 50-321 P | | 8411050028 | WASTE RES |
| | 8411260391* | 50-321 P | | 8411050034 | WASTE RES |
| | 8411260481 | 50-366 S | | 8411050036 | WASTE RES |
| | 8411290382 | 50-424 S | | 8411050040 | WASTE RES |
| | 8411290597 | 50-366 S | | 8411050046 | WASTE RES |
| Geotrans, Inc. | 8411050093* | WASTE RES | | 8411050055 | WASTE RES |
| | 8411050164 | WASTE RES | | 8411050058 | WASTE RES |
| | 8411050229 | WASTE RES | | 8411050062 | WASTE RES |
| | 8411050239 | WASTE RES | | 8411050064 | WASTE RES |
| | 8411050532 | WASTE RES | | 8411050068 | WASTE RES |
| | 8411050535 | WASTE RES | | 8411050079 | WASTE RES |
| | 8411050538 | WASTE RES | | 8411050080 | WASTE RES |
| | 8411050542 | WASTE RES | | 8411050085* | WASTE RES |
| | 8411050544 | WASTE RES | | 8411050089 | WASTE RES |
| | 8411060056 | WASTE RES | | 8411050091 | WASTE RES |
| | 8411060059 | WASTE RES | | 8411050096 | WASTE RES |
| | 8411060067* | WASTE RES | | 8411050113 | WASTE RES |
| | 8411060074 | WASTE RES | | 8411050117 | WASTE RES |
| | 8411060077* | WASTE RES | | 8411050121 | WASTE RES |
| | 8411060089 | WASTE RES | | 8411050126 | WASTE RES |
| | 8411060091 | WASTE RES | | 8411050127 | WASTE RES |
| | 8411060092 | WASTE RES | | 8411050133 | WASTE RES |
| | 8411060095* | WASTE RES | | 8411050136 | WASTE RES |
| | 8411060102 | WASTE RES | | 8411050155 | WASTE RES |
| | 8411060114 | WASTE RES | | 8411050163 | WASTE RES |
| | 8411060119 | WASTE RES | | 8411050165 | WASTE RES |
| | 8411060138 | WASTE RES | | 8411050169 | WASTE RES |
| | 8411060143 | WASTE RES | | 8411050173 | WASTE RES |
| | 8411060147 | WASTE RES | | 8411050174 | WASTE RES |
| | 8411060164 | WASTE RES | | 8411050180 | WASTE RES |
| | 8411060169 | WASTE RES | | 8411050189 | WASTE RES |
| | 8411060172 | WASTE RES | | 8411050211 | WASTE RES |
| | 8411060182 | WASTE RES | | 8411050219 | WASTE RES |
| | 8411060189 | WASTE RES | | 8411050224 | WASTE RES |
| | 8411070202 | WASTE RES | | 8411050238 | WASTE RES |
| | 8411080075 | WASTE RES | | 8411050255 | WASTE RES |
| | 8411080468* | WASTE RES | | 8411050265 | WASTE RES |
| | 8411080575 | WASTE RES | | 8411050275 | WASTE RES |
| | 8411080600 | WASTE RES | | 8411050282 | WASTE RES |
| | 8411090100 | WASTE RES | | 8411050299 | WASTE RES |
| | 8411090143 | WASTE RES | | 8411050305 | WASTE RES |
| | 8411090155 | WASTE RES | | 8411050331 | WASTE RES |
| | 8411090158 | WASTE RES | | 8411050341 | WASTE RES |
| | 8411090165 | WASTE RES | | 8411050357 | WASTE RES |
| | 8411090168 | WASTE RES | | 8411050366 | WASTE RES |
| | 8411090176 | WASTE RES | | 8411050385 | WASTE RES |
| | 8411090306* | WASTE RES | | 8411050328 | WASTE RES |
| | 8411090391 | WASTE RES | | 8411060256 | WASTE RES |
| | 8411090414 | WASTE RES | | 8411060272 | WASTE RES |
| Gesellschaft fuer Nuklear Service, mbH | 8411130307 | PROJ | | 8411060317 | WASTE RES |
| Getty/Petrochemicals Co. | 8411190113 | 40-6659 | | 8411060523 | WASTE RES |
| | 8411190162* | 40-6659 | | 8411060526 | WASTE RES |
| Gibbs & Hill, Inc. (subs. of Dravo Corp.) | 8411060415* | 50-445 A | | 8411060572 | WASTE RES |
| | 8411060415* | 50-445 A | | 8411060577 | WASTE RES |
| | 8411060420* | 50-445 A | | 8411060583 | WASTE RES |
| | 8411060420* | 50-445 A | | 8411060588* | WASTE RES |
| | 8411060465* | 50-445 A | | 8411070190 | WASTE RES |
| | 8411060465* | 50-445 A | | 8411070192 | WASTE RES |
| | 8411060465* | 50-445 A | | 8411070263 | WASTE RES |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|
| | 8411070273 | WASTE RES | | 8411030721 | 50-458 S |
| | 8411070275 | WASTE RES | | 8411030724 | 50-458 S |
| | 8411070290 | WASTE RES | | 8411050277 | 50-458 A |
| | 8411080001 | WASTE RES | | 8411050315 | 50-458 S |
| | 8411080002 | WASTE RES | | 8411050322 | 50-458 S |
| | 8411080015 | WASTE RES | | 8411050353 | 50-458 Q |
| | 8411080019* | WASTE RES | | 8411050432 | 50-458 Q |
| | 8411080022 | WASTE RES | | 8411050465 | 50-458 S |
| | 8411080026 | WASTE RES | | 8411050472 | 50-458 Q |
| | 8411080029* | WASTE RES | | 8411050482 | 50-458 Q |
| | 8411080031 | WASTE RES | | 8411050524 | 50-458 S |
| | 8411080056 | WASTE RES | | 8411060127 | 50-458 S |
| | 8411080092 | WASTE RES | | 8411060500 | 50-458 S |
| | 8411080100 | WASTE RES | | 8411120091 | 50-458 S |
| | 8411080120 | WASTE RES | | 8411120100 | 50-458 S |
| | 8411080126 | WASTE RES | | 8411120458 | 50-458 S |
| | 8411080134* | WASTE RES | | 8411130005 | 50-458 S |
| | 8411080141 | WASTE RES | | 8411130022 | 50-458 S |
| | 8411080148 | WASTE RES | | 8411130042 | 50-458 S |
| | 8411080152 | WASTE RES | | 8411130145 | 50-458 S |
| | 8411080159* | WASTE RES | | 8411130183 | 50-458 S |
| | 8411080166 | WASTE RES | | 8411130621 | 50-458 S |
| | 8411080184 | WASTE RES | | 8411130641 | 50-458 S |
| | 8411080205 | WASTE RES | | 8411130660 | 50-458 S |
| | 8411080219* | WASTE RES | | 8411130724 | 50-458 S |
| | 8411080236 | WASTE RES | | 8411140019 | 50-458 S |
| | 8411080244 | WASTE RES | | 8411140079 | 50-458 S |
| | 8411080246 | WASTE RES | | 8411140320 | 50-458 S |
| | 8411080252 | WASTE RES | | 8411140516 | 50-458 S |
| | 8411080264 | WASTE RES | | 8411140559 | 50-458 S |
| | 8411080271 | WASTE RES | | 8411150006 | 50-458 A |
| | 8411080272* | WASTE RES | | 8411150023 | 50-458 A |
| | 8411080282 | WASTE RES | | 8411150077 | 50-458 E |
| | 8411080286 | WASTE RES | | 8411150081* | 50-458 E |
| | 8411080582 | WASTE RES | | 8411150087* | 50-458 E |
| | 8411080599 | WASTE RES | | 8411150119 | 50-458 E |
| | 8411080601 | WASTE RES | | 8411190107 | 50-458 S |
| | 8411080606 | WASTE RES | | 8411190112 | 50-458 S |
| | 8411080625 | WASTE RES | | 8411190123 | 50-458 S |
| | 8411090006 | WASTE RES | | 8411190129 | 50-458 S |
| | 8411090250* | WASTE RES | | 8411190138 | 50-458 S |
| | 8411090454 | WASTE RES | | 8411190173 | 50-458 K |
| Goodson & Associates, Inc. | 8411190105 | 40-8484 | | 8411190176* | 50-458 K |
| Government Accountability Project | 8411020539 | 50-275 Q | | 8411190314 | 50-458 A |
| | 8411020539 | 50-275 Q | | 8411200122 | 50-458 S |
| | 8411020543* | 50-275 Q | | 8411210324 | 50-458 S |
| | 8411020547* | 50-275 Q | | 8411260242 | 50-458 S |
| | 8411020547* | 50-275 Q | | 8411260448 | 50-458 S |
| | 8411050201 | 50-445 A | | 8411260541 | 50-458 S |
| | 8411050201 | 50-445 A | | 8411270323 | 50-458 A |
| | 8411050209* | 50-445 A | | 8411280121 | 50-458 F |
| | 8411050209* | 50-445 A | | 8411280131* | 50-458 F |
| | 8411060220 | 50-289 Q | | 8411280323 | 50-458 S |
| | 8411060255 | 50-289 Q | | 8411280332 | 50-458 S |
| | 8411060348 | 50-289 Q | | 8411280410 | 50-458 S |
| | 8411060366* | 50-289 Q | | 8411280445 | 50-458 S |
| | 8411060439 | 50-289 Q | | 8411280505 | 50-458 S |
| | 8411060458 | 50-289 Q | | 8411280551 | 50-458 S |
| | 8411060547 | 50-445 Q | | 8411280560 | 50-458 S |
| | 8411060547 | 50-445 Q | | 8411280572 | 50-458 S |
| | 8411060551 | 50-445 Q | | 8411290034 | 50-458 S |
| | 8411060551 | 50-445 Q | | 8411290228 | 50-458 S |
| | 8411060605 | 50-289 Q | | 8411290544 | 50-458 S |
| | 8411060606 | 50-289 Q | | 8411190202* | FOIA |
| | 8411130160* | 50-445 A | | 8411190213* | FOIA |
| | 8411130232 | 50-382 Q | | 8411260120* | 50-309 F |
| | 8411130236* | 50-382 Q | | 8411060334 | 50-289 Q |
| | 8411130242* | 50-382 Q | | 8411120004 | WASTE MGT |
| | 8411140474 | 50-382 Q | | 8411150229 | 50-289 Q |
| | 8411150259 | 50-289 Q | | 8411200161 | 50-289 T |
| | 8411150266* | 50-289 Q | | 8411260025 | 50-289 Q |
| | 8411150300 | 50-382 Q | | 8411290317 | 50-289 Q |
| | 8411160349* | 50-483 F | | 8411290611 | WASTE MGT |
| | 8411190470 | 50-289 Q | | 8411010301* | CONTRACT |
| | 8411190480 | 50-289 Q | | 8411260400 | 50-373 S |
| | 8411190533 | 50-289 Q | | 8411080465* | CONTRACT |
| | 8411190573 | 50-382 Q | | 8411050440* | 50-275 Q |
| | 8411200235 | 50-275 Q | | 8411130082 | PR |
| | 8411260026 | 50-289 Q | | 8411080571 | WASTE MGT |
| | 8411260034* | 50-289 Q | | 8411130520* | PR |
| | 8411280207 | 50-289 Q | | 8411210183* | 50-275 U |
| | 8411280260 | 50-400 Q | | 8411080571 | WASTE MGT |
| Gulf & Western Industries, Inc. | 8411160183 | 71-178 | | 8411130520* | PR |
| Gulf States Utilities Co. | 8411020273 | 50-458 S | | 8411140585* | COMMISSION |
| | 8411020295* | 50-458 G | | 8411260007 | 50-289 U |

CORPORATE SOURCE INDEX

499

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|---------------------------------------------|---------------------|---------------------|-------------------------------------------------|---------------------|---------------------|
| Houston Lighting & Power Co. | 8411010408 | 50-498 A | | 8411040213 | 50-313 F |
| | 8411010420* | 50-498 A | | 8411060328 | 50-313 S |
| | 8411020265 | 50-498 S | | 8411060329 | 50-316 S |
| | 8411030275 | 50-498 A | | 8411080265 | 50-313 F |
| | 8411070035* | 50-498 G | | 8411130006 | 50-313 S |
| | 8411130598 | 50-498 G | | 8411130006 | 50-313 S |
| | 8411260535 | 50-498 S | | 8411130675 | 50-316 R |
| | 8411270312 | 50-498 K | | 8411140304 | 50-313 P |
| | 8411270312 | 50-498 K | | 8411160002 | 50-313 R |
| | 8411270314* | 50-498 K | | 8411190321 | 50-313 S |
| | 8411270314* | 50-498 K | | 8411200094 | 50-313 F |
| | 8411290548 | 50-498 S | | 8411270275 | 50-313 P |
| Hudson Products Corp. | 8411130311 | 71-317 | | 8411280092 | 50-316 S |
| Hunton & Williams | 8411020065 | 50-322 G | | 8411280293 | 50-313 F |
| | 8411060265 | 50-322 G | | 8411280293 | 50-313 F |
| | 8411060392 | 50-322 G | | 8411280296 | 50-316 P |
| | 8411060574 | 50-322 G | | 8411280300* | 50-313 F |
| | 8411060578 | 50-322 G | | 8411280300* | 50-313 F |
| | 8411060580 | 50-322 G | | 8411280318 | 50-313 P |
| | 8411060596* | 50-322 T | | 8411290397 | 50-316 S |
| | 8411060602 | 50-338 G | Inspection Services Corp. | 8411210092 | 71-246 |
| | 8411090474 | 50-322 G | | 8411210099* | 71-246 |
| | 8411090479 | 50-322 G | Institute of Nuclear Power Operations | 8404110125* | REVIEW GRP |
| | 8411140185 | 50-322 G | | 8411060371* | 50-289 T |
| | 8411150337 | 50-322 G | Interior, Dept. of | 8411090012 | WASTE MGT |
| | 8411160020* | 50-322 G | Interior, Dept. of, Bureau of Mines | 8411080051 | WASTE RES |
| | 8411200178 | 50-338 G | | 8411080077 | WASTE RES |
| | 8411200178 | 50-338 G | | 8411080081 | WASTE RES |
| | 8411210405 | 50-322 G | | 8411080086 | WASTE RES |
| | 8411210411 | 50-338 G | | 8411080090 | WASTE RES |
| | 8411210419 | 50-338 G | | 8411080104 | WASTE RES |
| | 8411210419 | 50-338 G | | 8411080155 | WASTE RES |
| Hydrogen Control Owners Group | 8411120316 | TOPREP | | 8411080174 | WASTE RES |
| ITT Grinnell Corp. (subs. of ITT Corp.) | 8411290373* | 50-445 G | | 8411080175 | WASTE RES |
| Idaho National Engineering Laboratory | 8411130669 | NUREG | | 8411080182 | WASTE RES |
| Illinois Power Co. | 8410050227 | 50-461 A | | 8411080212 | WASTE RES |
| | 8410110247 | 50-461 A | | 8411080237 | WASTE RES |
| | 8411010127 | 50-461 F | | 8411080345 | WASTE RES |
| | 8411010148* | 50-461 F | | 8411080354 | WASTE RES |
| | 8411010235 | 50-461 A | | 8411080430 | WASTE RES |
| | 8411020188 | 50-461 G | | 8411080504 | WASTE RES |
| | 8411030420 | 50-461 S | Interior, Dept. of, Geological Survey | 8401300164* | 50-308 A |
| | 8411050033 | 50-401 A | | 8411060556* | WASTE RES |
| | 8411060170 | 50-461 S | | 8411080486* | WASTE RES |
| | 8411060433 | 50-461 A | | 8411080632 | WASTE MGT |
| | 8411060502 | 50-461 S | | 8411120387 | 71-213 |
| | 8411130195 | 50-461 S | Intermountain Testing Co. | 8411200255 | REGD |
| | 8411130278 | 50-461 S | International Brotherhood of Electrical Workers | | |
| | 8411130316 | 50-461 S | International Energy Associates, Ltd. | 8411160158 | XPORTLIC |
| | 8411130444 | 50-461 S | | 8411210288* | 50-273 F |
| | 8411190238 | 50-461 S | International Engineering Co. | 8311290006 | WASTE RES |
| | 8411190308 | 50-461 A | | 8411200321 | PR |
| | 8411200047 | 50-461 A | Interstate Natural Gas Association of America | | |
| | 8411200108 | 50-461 A | Iowa Electric Light & Power Co. | 8411090438 | 50-331 P |
| | 8411200116 | 50-461 A | | 8411060219 | 50-331 S |
| | 8411200126 | 50-461 E | | 8411070115 | 50-331 F |
| | 8411200202 | 50-461 A | | 8411120050 | 50-331 S |
| | 8411200208 | 50-461 A | | 8411120241 | 50-331 R |
| | 8411200272 | 50-461 G | | 8411160189 | 50-331 P |
| | 8411200279* | 50-461 G | | 8411160198* | 50-331 P |
| | 8411200284* | 50-461 G | | 8411260024 | 50-331 F |
| | 8411200292* | 50-461 G | | 8411260029* | 50-331 F |
| | 8411200369 | 50-461 A | | 8411260035* | 50-331 F |
| | 8411210071 | 50-461 S | | 8411260127 | 50-331 R |
| | 8411210076 | 50-461 S | | 8411260344 | 50-331 G |
| | 8411260016 | 50-461 S | | 8411270179 | 50-331 S |
| | 8411260071 | 50-461 A | | 8411290476* | 50-331 P |
| | 8411260220 | 50-461 S | | 8411290476* | 50-331 P |
| | 8411260303 | 50-461 E | | 8411290479* | 50-331 P |
| | 8411260416 | 50-461 A | | 8411140277 | 50-331 P |
| Illinois, State of | 8411060315 | 40-2061 | Iowa, State of | 8411210144 | 50-331 P |
| | 8411200001 | 50-461 G | | 8411210177 | 50-331 P |
| | 8411210205 | 40-2061 | | 8411290073 | 50-331 P |
| | 8411280204 | 40-2061 | | 8411010254 | 50-445 G |
| Illinois, State of, Dept. of Nuclear Safety | 8411200315 | PR | Isham, Lincoln & Seale | 8411060537 | 50-454 G |
| | | | | 8411090332 | 50-445 G |
| Impell Corp. | 8411060309* | 50-445 G | | 8411090332* | 50-445 G |
| | 8411060536* | 50-412 A | | 8411130590 | 50-445 G |
| | 8411260421* | 50-206 P | | 8411140115 | 50-445 G |
| Indiana & Michigan Electric Co. | 8410110364 | 50-313 P | | 8411140482 | 50-445 G |
| | 8411050921 | 50-316 S | | 8411150277 | 50-454 G |
| | 8411050534 | 50-313 S | | 8411190193 | 50-445 G |
| | 8411060158 | 50-313 P | | 8411190193 | 50-445 G |
| | 8411060158 | 50-313 P | | 8411190473 | 50-445 G |
| | 8411060180 | 50-316 S | | | |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------------------------------------------------|---------------------|---------------------|----------------------------------|---------------------|---------------------|
| | 8411200231 | 50-445 G | | 8411090286* | 50-352 G |
| | 8411200231 | 50-445 G | | 8411090302 | 50-352 G |
| | 8411270333 | 50-454 G | | 8411090342* | 50-352 G |
| | 8411290398 | 50-445 G | | 8411090342* | 50-352 G |
| | 8411290398 | 50-445 G | | 8411140133 | 50-352 G |
| | 8411290406* | 50-445 G | | 8411140133 | 50-352 G |
| | 8411290406* | 50-445 G | | 8411140162* | 50-352 G |
| | 8411290408* | 50-445 G | | 8411200022 | 50-352 G |
| Japan, Govt. of | 8411260258 | XPORTLIC | | 8411200237 | 50-352 G |
| Joint Intervenor - Shearon Harris | 8411190320 | 50-400 G | | 8411200349 | 50-352 G |
| | | | Long Island Lighting Co. | 8411210409 | 50-352 G |
| Joint Intervenor - Waterford | 8411130242* | 50-382 G | | 8411010292 | 50-322 G |
| Justice, Dept. of | 8411090294 | 50-344 G | | 8411060265 | 50-322 G |
| | 8411260018 | 50-289 F | | 8411060327 | 50-322 G |
| | 8411290214* | FOIA | | 8411060392 | 50-322 G |
| KOH Systems, Inc. | 8411080395* | CONTRACT | | | |
| | | | | 8411060374 | 50-322 G |
| | 8411080522* | CONTRACT | | 8411060378 | 50-322 G |
| Kansas Gas & Electric Co. | 8411050280 | 50-482 S | | 8411060580 | 50-322 G |
| | 8411050287 | 50-482 S | | 8411060584 | 50-322 G |
| | 8411060174 | 50-482 S | | 8411060585* | 50-322 T |
| | 8411060571 | 50-482 S | | | |
| | 8411090239 | 50-482 A | | 8411060587* | 50-322 T |
| | 8411260364 | 50-482 F | | 8411060590* | 50-322 T |
| | 8411280046 | 50-482 S | | 8411060594* | 50-322 T |
| | 8411290557 | 50-482 S | | 8411060596* | 50-322 T |
| | 8411290584 | 50-482 S | | 8411070079 | 50-322 F |
| | | | | | |
| Kansas, State of | 8411140287 | 50-482 G | | 8411090474 | 50-322 G |
| Kelley Drye & Warren | 8411210244 | 40-2061 | | 8411090479 | 50-322 G |
| | 8411210367 | 40-2061 | | 8411120172* | 50-322 G |
| | 8411210374 | 40-2061 | | 8411140185 | 50-322 G |
| | 8411210380 | 40-2061 | | 8411150337 | 50-322 G |
| | | | | | |
| Kerr-McGee Chemical Corp. (subs. of Kerr-McGee Corp.) | 8411260201* | 40-2061 | | 8411160020* | 50-322 G |
| | 8411060315 | 40-2061 | | 8411160278 | 50-322 A |
| | | | | 8411160325 | 50-322 A |
| | 8411150276 | 40-2061 | | 8411160347 | 50-322 A |
| | 8411190239 | 40-2061 | | 8411200005 | 50-322 G |
| | 8411190245* | 40-2061 | | | |
| Kerr-McGee Corp. | 8411130540 | 40-8027 | | 8411200343 | 50-322 F |
| | 8411270089 | PRM | | 8411200344* | 50-322 F |
| Kewaunee County, WI | 8411210219* | CONTRACT | | 8411210218 | 50-322 F |
| Kirkpatrick & Lockhart | 8411010556 | 50-322 G | | 8411210267 | 50-322 A |
| | 8411060327 | 50-322 G | | 8411210405 | 50-322 G |
| | | | | | |
| | 8411060596* | 50-322 T | | 8411260224 | 50-322 S |
| | 8411130379 | 50-322 G | | 8411260327 | 50-322 I |
| | 8411130583* | 50-322 G | | 8411260419 | 50-322 S |
| | 8411130611 | 50-322 G | Los Alamos Scientific Laboratory | 8411060435 | 50-123 P |
| | 8411130676 | 50-322 G | Louisiana Power & Light Co. | 8411020047 | 50-382 G |
| | | | | | |
| | 8411140480 | 50-322 G | | 8411020233 | 50-382 S |
| | 8411150267 | 50-322 G | | 8411020277 | 50-382 F |
| | 8411150270* | 50-322 G | | 8411020280* | 50-382 F |
| | 8411150309 | 50-322 G | | 8411020284 | 50-382 A |
| | 8411200254 | 50-322 G | | 8411020286 | 50-382 S |
| | | | | | |
| | 8411260009 | 50-322 G | | 8411020297 | 50-382 A |
| | 8411270364 | 50-322 G | | 8411050145 | 50-382 H |
| LIXI, Inc. | 8411190092 | FOIA | | 8411050274 | 50-382 A |
| Law Engineering Testing Co. | 8411200326 | PR | | 8411060270 | 50-382 A |
| Lawler, Matuskis & Skelly Engineers | 8411260382* | 50-410 R | | 8411060423 | 50-382 G |
| | | | | | |
| Lawrence Livermore National Laboratory | 8409260607* | 50-352 F | | 8411070166 | 50-382 G |
| | 8411080054* | WASTE RES | | 8411090098 | 50-382 F |
| | 8411080179 | WASTE RES | | 8411090179 | 50-382 F |
| | 8411080194 | WASTE RES | | 8411090194 | 50-382 S |
| | 8411080487* | WASTE RES | | 8411090215 | 50-382 A |
| | | | | | |
| | 8411080668 | WASTE RES | | 8411120110 | 50-382 A |
| | 8411140107 | NUREG | | 8411120130 | 50-382 A |
| | 8411290527 | WASTE RES | | 8411120136* | 50-382 A |
| League of Women Voters of Rockford, IL | 8411090268 | 50-454 G | | 8411130003 | 50-382 S |
| Lewis, M. | 8411270311 | 50-352 G | | 8411130109 | 50-382 F |
| | | | | | |
| Limerick Ecology Action | 8411060624 | 50-352 G | | 8411130292 | 50-382 S |
| | 8411060624 | 50-352 G | | 8411130565 | 50-382 S |
| | 8411060625* | 50-352 G | | 8411130634 | 50-382 S |
| | 8411060625* | 50-352 G | | 8411130647 | 50-382 S |
| | 8411060626* | 50-352 G | | 8411130654 | 50-382 S |
| | | | | | |
| | 8411060626* | 50-352 G | | 8411130697 | 50-382 S |
| | 8411060627* | 50-352 G | | 8411140043 | 50-382 S |
| | 8411060627* | 50-352 G | | 8411140055 | 50-382 S |
| | 8411060628* | 50-352 G | | 8411140085 | 50-382 S |
| | 8411060628* | 50-352 G | | 8411140206 | 50-382 S |
| | | | | | |
| | 8411060629* | 50-352 G | | 8411140248 | 50-382 A |
| | 8411060630* | 50-352 G | | 8411140336 | 50-382 S |
| | 8411060630* | 50-352 G | | 8411140515 | 50-382 S |
| | 8411060631* | 50-352 G | | 8411140522 | 50-382 S |
| | 8411060632* | 50-352 G | | 8411140529 | 50-382 S |
| | | | | | |
| | 8411060632* | 50-352 G | | 8411140537 | 50-382 S |
| | 8411060633* | 50-352 G | | 8411140550 | 50-382 S |
| | 8411060633* | 50-352 G | | 8411150135 | 50-382 S |
| | 8411090286* | 50-352 G | | 8411160010 | 50-382 S |
| | | | | 8411160055 | 50-382 S |

CORPORATE SOURCE INDEX

501

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------------------------------------------------|------------------|------------------|--------------------------------------------------------|------------------|------------------|
| | 8411160248 | 50-382 S | | 8411280312 | 50-416 S |
| | 8411160281 | 50-382 A | | 8411280319 | 50-416 S |
| | 8411160375 | 50-382 S | | 8411280358 | 50-416 R |
| | 8411190406 | 50-382 H | | 8411290223 | 50-416 S |
| | 8411190410 | 50-382 G | | 8411290266 | 50-416 S |
| | 8411200289 | 50-382 G | | 8411290625 | 50-417 S |
| | 8411260357 | 50-382 A | Mississippi, State of | 8411120081* | CONTRACT |
| | 8411260388 | 50-382 A | Missouri, Univ. of, Columbia, MO | 8411060448* | 50-289 T |
| | 8411260394 | 50-382 A | | 8411140396 | PR |
| | 8411260405 | 50-382 A | | 8411210001 | 50-186 F |
| | 8411260409* | 50-382 A | Missouri, Univ. of, Rolla, MO | 8411050247 | PR |
| | 8411290104 | 50-382 A | Mitsui & Co. (USA), Inc. (subs. of Mitsui & Co., Ltd.) | 8411260304 | XPORLTIC |
| | 8411290563 | 50-382 S | Montgomery County, PA | 8411010659* | 50-352 F |
| MPR Associates, Inc. | 8411260330* | 50-261 P | | 8411060566 | 50-352 G |
| Magnaflux Corp. (subs. of Peabody Galion Corp.) | 8411130350 | PR | Morton Thiokol, Inc. | 8411200087 | PR |
| Maine Nuclear Referendum Committee | 8411270052 | PRM | N.C. Kist & Associates, Inc. | 8411140418* | CONTRACT |
| Maine Yankee Atomic Power Co. | 8411010111 | 50-309 P | ND Resources, Inc. | 8411070276 | 40-8663 |
| | 8411020123 | 50-309 P | | 8411070343 | 40-8663 |
| | 8411020174 | 50-309 G | NUS Corp. | 8411050109 | 50-382 A |
| | 8411050557 | 50-309 G | | 8411130348 | 71-9073 |
| | 8411070039 | 50-309 P | | 8411290186 | 50-348 P |
| | 8411140441 | 50-309 R | | 8411290190 | FOIA |
| | 8411190546 | 50-309 P | | 8411290231 | FOIA |
| | 8411200242 | 50-309 P | | 8411290241 | FOIA |
| | 8411210362 | 50-309 S | NUSAC, Inc. | 8411070254* | CONTRACT |
| | 8411260112 | 50-309 F | NUTECH Engineers, Inc. | 8411130398 | NUREG |
| | 8411260425* | 50-309 G | | 8411130407* | NUREG |
| | 8411270293 | 50-309 G | | 8411130674 | NUREG |
| Manhattan College, Riverdale, NY | 8411200351 | 50-199 P | National Aeronautics & Space Admin. | 8411020218 | 50-30 P |
| Maricopa County, AZ | 8411280174* | 50-528 F | National Research Council | 8411080299 | WASTE RES |
| Marsh & McLennan, Inc. | 8411130068 | 50-315 J | | 8411080310 | WASTE RES |
| | 8411160293 | 50-220 J | Natural Resources Defense Council | 8411010349 | 50-537 G |
| | 8411260377 | 50-302 J | Navy, Dept. of | 8411010280* | 71-13 |
| | 8411270242 | 50-333 J | | 8411010448* | 71-5874 |
| Martin Marietta Corp. | 8411020357* | 71-9860 | | 8411120398 | 71-261 |
| Marubeni America Corp. (subs. of Marubeni Corp.) | 8411140123 | XPORLTIC | | 8411140454 | 71-58 |
| | 8411140145* | XPORLTIC | | 8411160358* | 71-268 |
| | 8411140152 | XPORLTIC | | 8411160482* | 71-247 |
| | 8411140153* | XPORLTIC | | 8411160484* | 71-247 |
| Mason & Hanger - Silas Mason Co., Inc. | 8411130271 | 71-316 | | 8411160508 | 71-85 |
| | 8411130279* | 71-316 | | 8411160511* | 71-85 |
| Matagorda County Nuclear Advocates | 8411010654* | 50-498 G | | 8411160513* | 71-85 |
| Maxima Corp. | 8411160487* | CONTRACT | Navy, Dept. of, Naval Sea Systems Command | 8411010272 | 71-13 |
| | 8411280390* | CONTRACT | | 8411130286 | 71-52 |
| Mayer, Brown & Platt | 8411290256 | 70-1308 | | 8411160352 | 71-268 |
| McGraw-Hill Publications Co. | 8411290193 | 50-289 T | | 8411160476 | 71-247 |
| Measurex Corp. | 8411210479 | STATE PROG | Nebraska Public Power District | 8411050184 | 50-298 F |
| Metropolitan Edison Co. | 8411010583 | 50-289 G | | 8411050259 | 50-298 G |
| | 8411010585 | 50-289 G | | 8411060298 | 50-298 P |
| | 8411090270 | 50-289 G | | 8411090136 | 50-298 F |
| | 8411190578 | 50-289 G | | 8411130220 | 50-298 S |
| | 8411190580* | 50-289 G | | 8411130678 | 50-298 R |
| Michigan State Univ., East Lansing, MI | 8411060445* | PR | | 8411140150 | 50-298 R |
| | 8411060447* | PR | | 8411160160 | 50-298 F |
| Middle South Services, Inc. | 8411270083 | PRM | | 8411190430 | 50-298 S |
| Middle South Utilities, Inc. - Middle South Energy, Inc. | 8411060336 | 50-416 I | | 8411200236 | 50-298 P |
| Minnesota, Univ. of, Minneapolis, MN | 8411270044 | PR | | 8411210020 | 50-298 F |
| Mississippi Power & Light Co. | 8411010133 | 50-417 S | | 8411260166* | 50-298 G |
| | 8411090199 | 50-416 S | | 8411280134 | 50-298 P |
| | 8411090223 | 50-416 S | | 8411290107 | 50-298 F |
| | 8411120316 | TOPREP | Neutron Products, Inc. | 8411160221 | 71-9073 |
| | 8411130414 | 50-416 S | Nevada, State of | 8411080376 | WASTE MGT |
| | 8411150009 | 50-416 G | New Britain General Hosp., New Britain, CT | 8411060444 | 70-2815 |
| | 8411160173 | 50-417 S | New Jersey, State of | 8411260002 | 50-354 G |
| | 8411160621 | 50-416 S | | 8411260039 | 50-354 G |
| | 8411200044 | 50-416 S | New Mexico, State of | 8411020436 | 50-528 H |
| | 8411200082 | 50-416 P | New York, State Univ. of, Stony Brook, NY | 8411080502* | CONTRACT |
| | 8411200305 | 50-416 P | New York, State of | 8411010556 | 50-322 G |
| | 8411210132 | 50-416 P | | 8411140099 | 50-410 A |
| | 8411210132 | 50-416 P | | 8411140480 | 50-322 G |
| | 8411210149 | 50-416 E | | 8411150309 | 50-322 G |
| | 8411210149 | 50-416 E | | 8411200254 | 50-322 G |
| | 8411210210 | 50-417 S | | 8411260009 | 50-322 G |
| | 8411210466 | 50-416 R | | 8411290303 | FOIA |
| | 8411260030 | 50-416 P | Newark College of Engineering, Newark, NJ | 8411280405 | MISC |
| | 8411260030 | 50-416 P | | 8411060591 | 50-344 G |
| | 8411270135 | 50-416 R | Newman & Holtzinger | 8411130598 | 50-498 G |
| | 8411270140* | 50-416 R | | 8411150225 | 50-344 G |
| | 8411270492 | 50-416 R | | 8411200270 | 50-70 G |
| | 8411280172 | 50-416 S | Niagara Mohawk Power Corp. | 8411020147* | 50-220 G |
| | 8411280290 | 50-416 F | | 8411020433 | 50-220 S |
| | 8411280308 | 50-416 R | | 8411030613 | 50-410 S |
| | | | | 8411050248 | 50-410 A |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------------------------------------------------------|---------------------|---------------------|---------------------------------------------------------|---------------------|---------------------|
| | 8411050261 | 50-410 E | | 8411260367 | 50-245 F |
| | 8411050271 | 50-410 E | | 8411270226 | 50-423 F |
| | 8411060088 | 50-410 S | | 8411270234* | 50-423 F |
| | 8411060441 | 50-410 E | | 8411280576 | 50-423 S |
| | 8411060508 | 50-410 A | | 8411290116 | 50-336 S |
| | 8411060518 | 50-410 S | Northeast Utilities | 8411010190* | 50-245 Q |
| | 8411060520 | 50-410 S | | 8411010303 | 50-423 E |
| | 8411060582 | 50-410 S | | 8411010424 | 50-423 E |
| | 8411070311 | 50-410 S | | 8411030348 | 50-336 Q |
| | 8411070334 | 50-410 S | | 8411030720 | 50-423 S |
| | 8411120402 | 50-410 S | | 8411050094 | 50-245 F |
| | 8411130226 | 50-410 S | | 8411050240 | 50-423 E |
| | 8411130438 | 50-410 E | | 8411050306 | 50-423 A |
| | 8411140090 | 50-410 A | | 8411050390 | 50-245 P |
| | 8411140153 | 50-220 P | | 8411060610 | 50-423 S |
| | 8411140156* | 50-220 P | | 8411070020 | 50-245 F |
| | 8411140324 | 50-220 R | | 8411090221 | 50-423 E |
| | 8411140602* | 50-410 Q | | 8411130026 | 50-423 S |
| | 8411150033 | 50-410 A | | 8411130215 | 50-423 S |
| | 8411150048 | 50-410 E | | 8411130514 | 50-245 R |
| | 8411150067 | 50-410 A | | 8411130559 | 71-9183 |
| | 8411150096 | 50-410 A | | 8411150189 | 50-336 R |
| | 8411150105 | 50-410 R | | 8411190093 | 50-245 S |
| | 8411150106* | 50-410 R | | 8411190102 | 50-423 S |
| | 8411150213 | 50-410 A | | 8411190200 | 50-336 S |
| | 8411150220 | 50-410 A | | 8411190208 | 50-245 S |
| | 8411150307 | 50-220 S | | 8411190283 | 50-423 F |
| | 8411160129 | 50-220 Q | | 8411190291 | 50-423 E |
| | 8411160140 | 50-220 S | | 8411190299 | 50-423 F |
| | 8411190009 | 50-410 S | | 8411190416 | 50-245 P |
| | 8411190065 | 50-410 S | | 8411190541 | 50-336 Q |
| | 8411190073 | 50-410 S | | 8411260367 | 50-245 F |
| | 8411190098 | 50-410 S | | 8411270226 | 50-423 F |
| | 8411190491 | 50-410 E | | 8411280576 | 50-423 S |
| | 8411200089 | 50-410 Q | | 8411290116 | 50-336 S |
| | 8411200119 | 50-410 A | Northern States Power Co. | 8411290292 | TOPREP |
| | 8411210301 | 50-410 S | | 8411010134 | 50-282 F |
| | 8411210338 | 50-410 S | | 8411010134 | 50-282 F |
| | 8411260005 | 50-410 E | | 8411010227 | 50-263 F |
| | 8411260079 | 50-410 A | | 8411010239 | 50-282 P |
| | 8411260091 | 50-410 A | | 8411010285 | 50-263 F |
| | 8411260099 | 50-410 A | | 8411010380 | 50-282 P |
| | 8411260376 | 50-410 R | | 8411020175 | 50-282 F |
| | 8411270272 | 50-410 K | | 8411020175 | 50-282 F |
| | 8411270276* | 50-410 K | | 8411020183* | 50-282 F |
| North Carolina Municipal Power Agencies | 8411060491 | 50-400 Q | | 8411020183* | 50-282 F |
| | 8411060492* | 50-400 Q | | 8411060145 | 50-243 F |
| | 8411060496* | 50-400 Q | | 8411120127 | 50-306 S |
| | 8411060498* | 50-400 Q | | 8411130489 | 50-282 S |
| | 8411060501* | 50-400 Q | | 8411140318 | 50-263 R |
| North Carolina State Univ., Raleigh, NC | 8411150003 | 50-297 P | | 8411140325 | 50-282 R |
| North Carolina, State of | 8411060498* | 50-400 Q | | 8411160306 | 50-263 P |
| North Coventry Township, PA | 8411010672* | 50-352 F | | 8411160308* | 50-263 P |
| | 8411010672* | 50-352 F | | 8411160312 | 50-263 P |
| | 8411010674* | 50-352 F | | 8411160313* | 50-263 P |
| | 8411010674* | 50-352 F | | 8411160317* | 50-263 P |
| Northeast Nuclear Energy Co. (subs. of Northeast Utilities) | 8411010190* | 50-245 Q | | 8411160323* | 50-263 P |
| | 8411010303 | 50-423 E | | 8411190191 | 50-263 S |
| | 8411010424 | 50-423 E | | 8411190207 | 50-263 S |
| | 8411030348 | 50-336 Q | | 8411200031 | 50-263 R |
| | 8411030720 | 50-423 S | | 8411290447* | 50-263 P |
| | 8411050094 | 50-245 F | | 8411290447* | 50-263 P |
| | 8411050240 | 50-423 E | | 8411290452* | 50-263 P |
| | 8411050306 | 50-423 A | | 8411290452* | 50-263 P |
| | 8411050390 | 50-245 P | | 8411290455* | 50-263 P |
| | 8411050425 | 50-213 P | | 8411290455* | 50-263 P |
| | 8411060610 | 50-423 S | Northrop Research & Technical Center | 8411290470* | 50-263 P |
| | 8411070020 | 50-245 F | Northwestern Univ., Evanston, IL | 8411270003 | 50-187 R |
| | 8411090221 | 50-423 E | Nuclear Assurance Corp. | 8411160535* | CONTRACT |
| | 8411130026 | 50-423 S | | 8411020136 | 50-295 F |
| | 8411130215 | 50-423 S | Nuclear Control Institute | 8411130312 | 71-9183 |
| | 8411130514 | 50-245 R | Nuclear Fuel Services, Inc. (subs. of Getty Oil Co.) | 8411050358 | PR |
| | 8411130559 | 71-9183 | | 8411080240 | 70-143 |
| | 8411150189 | 50-336 R | | 8411130250 | 70-143 |
| | 8411190093 | 50-245 S | | 8411150142 | 70-143 |
| | 8411190102 | 50-423 S | | 8411150154 | 70-143 |
| | 8411190200 | 50-336 S | | 8411150158* | 70-143 |
| | 8411190208 | 50-245 S | | 8411150222 | 70-143 |
| | 8411190283 | 50-423 F | | 8411150319 | 70-143 |
| | 8411190291 | 50-423 E | | 8411210256 | 70-143 |
| | 8411190299 | 50-423 F | | 8411280580 | 70-143 |
| | 8411190416 | 50-245 P | | 8411290674 | 70-143 |
| | 8411190541 | 50-336 Q | Nuclear Information & Resource Service | 8411290219 | 50-331 S |
| | 8411210290 | 50-423 D | | 8411290254 | 50-344 P |

CORPORATE SOURCE INDEX

503

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------------------|---------------------|---------------------|
| Nuclear Metals, Inc. | 8411090209 | 40-672 |
| Nuclear Packaging, Inc. | 8411130646 | 71-9073 |
| | 8411140322 | 71-9186 |
| | 8411140326* | 71-9186 |
| | 8411160503 | 71-9073 |
| Nucon, Inc. | 8411160336* | 50-361 F |
| | 8411200342* | 50-206 F |
| Dak Ridge Associated Univs. | 8411130356 | 40-2061 |
| Dak Ridge National Laboratory | 8411070344 | NUREG |
| | 8411080010 | WASTE RES |
| | 8411080013 | WASTE RES |
| | 8411080024 | WASTE RES |
| | 8411080113 | WASTE RES |
| | 8411080121 | WASTE RES |
| | 8411080128 | WASTE RES |
| | 8411080137* | WASTE RES |
| | 8411080162 | WASTE RES |
| | 8411080165 | WASTE RES |
| | 8411080169 | WASTE RES |
| | 8411080171* | WASTE RES |
| | 8411080208 | WASTE RES |
| | 8411080223* | WASTE RES |
| | 8411080250* | WASTE RES |
| | 8411080254 | WASTE RES |
| | 8411080259* | WASTE RES |
| | 8411080262 | WASTE RES |
| | 8411080266 | WASTE RES |
| | 8411080273* | WASTE RES |
| | 8411080274 | WASTE RES |
| | 8411080277 | WASTE RES |
| | 8411080288* | WASTE RES |
| | 8411080311 | WASTE RES |
| | 8411080316 | WASTE RES |
| | 8411080320 | WASTE RES |
| | 8411080323 | WASTE RES |
| | 8411080325* | WASTE RES |
| | 8411080329 | WASTE RES |
| | 8411080330 | WASTE RES |
| | 8411080332 | WASTE RES |
| | 8411080338 | WASTE RES |
| | 8411080342 | WASTE RES |
| | 8411080363 | WASTE RES |
| | 8411080368 | WASTE RES |
| | 8411080371 | WASTE RES |
| | 8411080380* | WASTE RES |
| | 8411080381 | WASTE RES |
| | 8411080385 | WASTE RES |
| | 8411080390 | WASTE RES |
| | 8411080393* | WASTE RES |
| | 8411080397 | WASTE RES |
| | 8411080407 | WASTE RES |
| | 8411080414 | WASTE RES |
| | 8411080419 | WASTE RES |
| | 8411080434 | WASTE RES |
| | 8411080441 | WASTE RES |
| | 8411080444 | WASTE RES |
| | 8411080450 | WASTE RES |
| | 8411080455 | WASTE RES |
| | 8411080462 | WASTE RES |
| | 8411080469 | WASTE RES |
| | 8411080485 | WASTE RES |
| | 8411080491* | WASTE RES |
| | 8411080495* | WASTE RES |
| | 8411080503* | WASTE RES |
| | 8411080516 | WASTE RES |
| | 8411080676 | WASTE RES |
| | 8411090162 | WASTE RES |
| | 8411090220 | WASTE RES |
| | 8411090227 | WASTE RES |
| | 8411090395 | WASTE RES |
| | 8411090403 | WASTE RES |
| | 8411090425 | WASTE RES |
| | 8411090431* | WASTE RES |
| | 8411090434 | WASTE RES |
| | 8411090508 | WASTE RES |
| | 8411130696 | NUREG |
| | 8411160048 | 50-269 P |
| | 8411160587 | 40-2259 |
| | 8411160596* | 40-2259 |
| | 8411210175 | NUREG |
| | 8411270043 | NUREG |
| | 8411280229 | NUREG |
| | 8411290160 | NUREG |
| | 8411290173 | NUREG |
| | 8411290586 | NUREG |

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|---------------------------------------------|---------------------|---------------------|
| Ogle Petroleum, Inc. | 8411160648 | 40-8743 |
| | 8411190091 | 40-8743 |
| | 8411200052 | REG00 |
| Ohio State Univ., Columbus, OH | 8411050112 | 50-150 H |
| | 8411050327 | PR |
| Ohio, State of | 8411130156 | 50-346 P |
| | 8411280591* | CONTRACT |
| Oklahoma Teaching Hosps., Oklahoma City, OK | 8411120147 | 50-112 R |
| Oliver B. Cannon & Son, Inc. | 8411010254 | 50-445 G |
| | 8411090339* | 50-445 G |
| | 8411090339* | 50-445 G |
| | 8411090343* | 50-445 G |
| | 8411090347* | 50-445 G |
| | 8411090347* | 50-445 G |
| | 8411090476 | 50-445 T |
| | 8411130590 | 50-445 G |
| | 8411140115 | 50-445 G |
| | 8411140482 | 50-445 G |
| | 8411190193 | 50-445 G |
| | 8411190193 | 50-445 G |
| | 8411200231 | 50-445 G |
| | 8411200231 | 50-445 G |
| | 8411200323* | 50-445 G |
| Omaha Public Power District | 8411010096 | 50-285 F |
| | 8411020220 | 50-285 F |
| | 8411030713 | 50-285 S |
| | 8411030738 | 50-285 S |
| | 8411090242 | 50-285 F |
| | 8411090322 | 50-285 F |
| | 8411120151 | 50-285 P |
| | 8411140363 | 50-285 P |
| | 8411200184 | 50-285 P |
| | 8411210129 | 50-285 P |
| | 8411260138 | 50-285 R |
| | 8411260301 | 50-285 P |
| | 8411260365 | 50-285 P |
| | 8411260375 | 50-285 R |
| | 8411270308 | 50-285 S |
| | 8411280316 | 50-285 S |
| Oregon State Univ., Corvallis, OR | 8411050084 | 50-243 F |
| Oystershell Alliance, Inc. | 8411150300 | 50-282 G |
| Pacific Gas & Electric Co. | 8411010263* | 50-275 G |
| | 8411010538 | 50-275 F |
| | 8411010538 | 50-275 F |
| | 8411010573* | 50-275 F |
| | 8411050073 | 50-275 P |
| | 8411050073 | 50-275 P |
| | 8411090225 | 50-275 P |
| | 8411090225 | 50-275 P |
| | 8411090259 | 50-275 P |
| | 8411090260 | 50-344 G |
| | 8411090364 | 50-275 F |
| | 8411090364 | 50-275 F |
| | 8411130101 | 50-275 F |
| | 8411130101 | 50-275 F |
| | 8411130119* | 50-275 F |
| | 8411130119* | 50-275 F |
| | 8411130132 | 50-275 F |
| | 8411130132 | 50-275 F |
| | 8411130142* | 50-275 F |
| | 8411130142* | 50-275 F |
| | 8411130607 | 50-133 R |
| | 8411140169 | 50-275 P |
| | 8411150039 | 50-323 E |
| | 8411150076 | 50-323 A |
| | 8411150090 | 50-275 P |
| | 8411150090 | 50-275 P |
| | 8411150098 | 50-275 J |
| | 8411150100 | 50-323 A |
| | 8411150103* | 50-275 P |
| | 8411150132 | 50-275 J |
| | 8411150132 | 50-275 J |
| | 8411200310 | 50-275 G |
| | 8411260341 | 50-275 P |
| | 8411270289 | 50-275 P |
| | 8411270292* | 50-275 P |
| | 8411270306* | 50-275 P |
| | 8411280329 | 50-275 P |
| | 8411290028 | 50-275 P |
| | 8411290041 | 50-275 P |
| | 8411290042 | 50-275 E |
| | 8411290067 | 50-275 R |
| | 8411290136 | 50-275 P |
| Parametex, Inc. | 8411080370* | CONTRACT |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------------------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|
| | 8411080553* | CONTRACT | | 8411010274* | 50-277 F |
| | 8411090079* | CONTRACT | | 8411010322* | 50-352 F |
| | 8411120003* | CONTRACT | | 8411020241 | 50-352 A |
| | 8411190272 | NUREQ | | 8411020241 | 50-352 A |
| | 8411260607* | CONTRACT | | 8411020254 | 50-352 Q |
| Passaic General Hosp., Passaic, NJ | 8411190337 | 70-1941 | | 8411020260* | 50-352 Q |
| Pathfinder Mines Corp. | 8410100779 | 40-2259 | | 8411020305 | 50-352 A |
| | 8410100781* | 40-2259 | | 8411020305 | 50-352 A |
| | 8410100784* | 40-2259 | | 8411020313* | 50-352 A |
| | 8411160639 | 40-6622 | | 8411020313* | 50-352 A |
| | 8411160642* | 40-6622 | | 8411020316* | 50-352 F |
| | 8411160647 | 40-2259 | | 8411020316* | 50-352 F |
| Pennsylvania Power & Light Co. | 8411030583 | 50-387 R | | 8411020319* | 50-352 K |
| | 8411030583 | 50-387 R | | 8411020319* | 50-352 K |
| | 8411050072 | 50-387 R | | 8411050158 | 50-277 P |
| | 8411050072 | 50-387 R | | 8411050419 | 50-277 R |
| | 8411050337 | 50-387 P | | 8411060134 | 50-277 P |
| | 8411050404 | 50-387 P | | 8411060134 | 50-277 P |
| | 8411050406* | 50-387 P | | 8411060247 | 50-277 P |
| | 8411050407* | 50-387 P | | 8411060247 | 50-277 P |
| | 8411070106 | 50-388 P | | 8411060285 | 50-352 Q |
| | 8411070302 | 50-387 P | | 8411060285 | 50-352 Q |
| | 8411070302 | 50-387 P | | 8411060330 | 50-352 Q |
| | 8411090446 | 50-388 S | | 8411060330 | 50-352 Q |
| | 8411120084 | 50-387 P | | 8411060355 | 50-352 Q |
| | 8411120084 | 50-387 P | | 8411060355 | 50-352 Q |
| | 8411120329 | 50-387 P | | 8411060425 | 50-352 Q |
| | 8411120360* | 50-387 P | | 8411060425 | 50-352 Q |
| | 8411120367* | 50-387 P | | 8411060454 | 50-352 Q |
| | 8411130127 | 50-387 S | | 8411060454 | 50-352 Q |
| | 8411140125 | 50-387 F | | 8411060607 | 50-352 T |
| | 8411140194 | 50-388 S | | 8411060607 | 50-352 T |
| | 8411140375 | 50-387 H | | 8411060611* | 50-352 T |
| | 8411150333 | 50-387 R | | 8411060611* | 50-352 T |
| | 8411150333 | 50-387 R | | 8411060614* | 50-352 T |
| | 8411160025 | 50-387 S | | 8411060614* | 50-352 T |
| | 8411160341 | 50-388 P | | 8411070178 | 50-277 F |
| | 8411190346 | 50-387 S | | 8411070182* | 50-277 F |
| | 8411190540 | 50-387 P | | 8411080170 | 50-352 F |
| | 8411190568 | 50-387 P | | 8411080170 | 50-352 F |
| | 8411190568 | 50-387 P | | 8411080178* | 50-352 F |
| | 8411200239 | 50-387 P | | 8411080178* | 50-352 F |
| | 8411200266* | 50-387 P | | 8411090161 | 50-352 Q |
| | 8411200311 | 50-387 P | | 8411090267 | 50-352 Q |
| | 8411200387 | 50-387 R | | 8411120270 | 50-352 F |
| | 8411200387 | 50-387 R | | 8411120270 | 50-352 F |
| | 8411200460 | 50-388 S | | 8411120274* | 50-352 F |
| | 8411210070 | 50-387 R | | 8411120438 | 50-352 F |
| | 8411210276 | 50-387 S | | 8411120441* | 50-352 F |
| | 8411210475 | 50-388 S | | 8411130159 | 50-352 F |
| | 8411260465 | 50-387 S | | 8411130159 | 50-352 F |
| | 8411280154 | 50-387 R | | 8411130173* | 50-352 Q |
| | 8411280306 | 50-387 S | | 8411130581* | 50-352 Q |
| | 8411280309 | 50-388 S | | 8411130603 | 50-352 Q |
| | 8411280475 | 50-387 S | | 8411130603 | 50-352 Q |
| | 8411280568 | 50-387 S | | 8411140327* | 50-277 Q |
| | 8411290135 | 50-387 P | | 8411140362 | 50-352 Q |
| | 8411290162* | 50-387 P | | 8411150335 | 50-352 Q |
| | 8411290171 | 50-387 P | | 8411150335 | 50-352 Q |
| Pennsylvania, Commonwealth of, | 8411060401 | 50-352 T | | 8411160286 | 50-352 K |
| | 8411060401 | 50-352 T | | 8411190281 | 50-277 Q |
| | 8411060403* | 50-352 T | | 8411190380 | 50-352 J |
| | 8411060403* | 50-352 T | | 8411190399 | 50-277 F |
| | 8411060409* | 50-352 T | | 8411190399 | 50-277 F |
| | 8411060409* | 50-352 T | | 8411200093 | 50-277 F |
| | 8411060413* | 50-352 T | | 8411200093 | 50-277 F |
| | 8411060413* | 50-352 T | | 8411200098* | 50-277 F |
| | 8411060419* | 50-352 T | | 8411200183 | 50-352 Q |
| | 8411060419* | 50-352 T | | 8411200232 | 50-352 F |
| | 8411060472* | 50-352 T | | 8411200277 | 50-352 Q |
| | 8411060472* | 50-352 T | | 8411200295 | 50-277 P |
| | 8411060479* | 50-352 T | | 8411200295 | 50-277 P |
| | 8411060479* | 50-352 T | | 8411210005 | 50-352 F |
| | 8411060485* | 50-352 T | | 8411260106 | 50-352 Q |
| | 8411060485* | 50-352 T | | 8411260259 | 50-277 Q |
| | 8411060490* | 50-352 T | | 8411260259 | 50-277 Q |
| | 8411060490* | 50-352 T | | 8411260280 | 50-277 F |
| | 8411130626 | 50-352 T | | 8411260280 | 50-277 F |
| Pennsylvania, Univ. of, Philadelphia, PA | 8411050226* | REVIEW GRP | | 8411260389 | 50-277 F |
| Philadelphia Electric Co. | 8411010157 | 50-277 P | | 8411270317 | 50-352 T |
| | 8411010157 | 50-277 P | | 8411270329 | 50-352 Q |
| | 8411010165* | 50-277 P | | 8411280035 | 50-277 R |
| | 8411010173 | 50-352 Q | | 8411280035 | 50-277 R |
| | 8411010176 | 50-352 F | Philadelphia, PA | 8411060527 | 50-352 T |
| | 8411010270 | 50-277 F | | 8411060527 | 50-352 T |

CORPORATE SOURCE INDEX

505

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|--------------------------------------------|---------------------|---------------------|-------------------------------------------------|---------------------|---------------------|
| | 8411060533* | 50-352 T | | 8411260164 | 50-267 G |
| | 8411060535* | 50-352 T | | 8411260209 | 50-267 S |
| | 8411060542* | 50-352 T | | 8411260392 | 50-267 F |
| | 8411060542* | 50-352 T | | 8411260526 | 50-267 S |
| | 8411190330 | 50-352 G | | 8411280040 | 50-267 R |
| | 8411190330 | 50-352 G | | 8411280225 | 50-267 P |
| | 8411190339* | 50-352 G | | 8411280266 | 50-267 P |
| | 8411190339* | 50-352 G | | 8411280270 | 50-267 F |
| Phoenix International | 8411020090* | CONTRACT | | 8411280275* | 50-267 F |
| | 8411020230* | CONTRACT | | 8411280284* | 50-267 F |
| Pickard, Lowe & Garrick, Inc. | 8411050434* | 50-289 T | | 8411280311 | 50-267 P |
| | 8411060515* | 50-289 T | | 8411280320 | 50-267 F |
| Plateau Resources, Ltd. | 8411200073 | 40-869B | | 8411290003 | 50-267 F |
| Pomona College, Claremont, CA | 8411050156 | PR | | 8411290007* | 50-267 F |
| Portland General Electric Co. | 8411010344 | 50-344 F | | 8411290009* | 50-267 F |
| | 8411010510 | 50-344 F | | 8411290013 | 50-267 P |
| | 8411050383 | 50-344 S | | 8411290047 | 50-267 G |
| | 8411060094 | 50-344 P | | 8411290048 | 50-267 F |
| | 8411060461 | 50-344 P | | 8411290433 | 50-267 Q |
| | 8411060466* | 50-344 P | | 8411290536 | 50-267 S |
| | 8411060495 | 50-344 S | | 8411290607 | 50-267 G |
| | 8411090276 | 50-344 F | Public Service Co. of New Hampshire | 8411290669 | 50-267 P |
| | 8411120292 | 50-344 P | | 8411050194 | 50-443 A |
| | 8411140348 | 50-344 S | | 8411060085 | 50-443 S |
| | 8411150225 | 50-344 G | | 8411060096 | 50-443 S |
| | 8411150330 | 50-344 R | | 8411060141 | 50-443 S |
| | 8411190324 | 50-344 S | | 8411070047 | 50-443 A |
| | 8411200097 | 50-344 P | | 8411070047 | 50-443 A |
| | 8411260176 | 50-344 F | | 8411140300 | REG00 |
| | 8411270416 | 50-344 S | | 8411190292 | 50-443 S |
| | 8411290343 | 50-344 F | | 8411210328 | 50-443 S |
| Pottstown, PA | 8411090289* | 50-352 G | | 8411210328 | 50-443 S |
| Power Authority of the State of New York | 8411020226 | 50-286 P | | 8411260348 | 50-443 G |
| | 8411050351 | 50-286 P | Public Service Electric & Gas Co. of New Jersey | 8411010327 | 50-354 A |
| | 8411050361* | 50-286 P | | 8411050319 | 50-272 P |
| | 8411050367* | 50-286 P | | 8411050319 | 50-272 P |
| | 8411050370 | 50-286 P | | 8411050326* | 50-272 P |
| | 8411050374* | 50-286 P | | 8411050326* | 50-272 P |
| | 8411050377* | 50-286 P | | 8411060099 | 50-354 S |
| | 8411050408 | 50-286 P | | 8411060231 | 50-354 S |
| | 8411060184 | 50-286 P | | 8411060374 | 50-272 G |
| | 8411060233 | 50-286 P | | 8411060494 | PR |
| | 8411060267 | 50-286 P | | 8411060581 | 50-354 S |
| | 8411060562 | 50-333 S | | 8411060600 | 50-354 S |
| | 8411080225 | 50-286 F | | 8411070092 | 50-354 A |
| | 8411080232* | 50-286 F | | 8411090102 | 50-354 A |
| | 8411120258 | 50-286 G | | 8411120054 | 50-354 S |
| | 8411130089 | 50-333 S | | 8411120094 | 50-272 R |
| | 8411140071 | 50-333 P | | 8411120098* | 50-272 R |
| | 8411140240 | 50-286 G | | 8411120333 | 50-311 P |
| | 8411140259 | 50-286 G | | 8411130594 | 50-311 S |
| | 8411140263* | 50-286 G | | 8411140247 | 50-272 P |
| | 8411140284 | 71-9073 | | 8411140252 | 50-354 A |
| | 8411190141 | 50-286 S | | 8411140338 | 50-272 P |
| | 8411190152 | 50-333 S | | 8411140340* | 50-272 P |
| | 8411190252 | 50-286 G | | 8411140476 | 50-354 G |
| | 8411200012 | 50-333 R | | 8411160035 | 50-272 G |
| | 8411200214 | 50-286 G | | 8411160350 | 50-354 F |
| | 8411260108 | 50-286 R | | 8411160354* | 50-354 F |
| | 8411260540 | 50-333 S | | 8411190390 | 50-354 K |
| Public Interest Research Group, California | 8411060437 | 50-70 G | | 8411210009 | 50-272 P |
| | 8411060437 | 50-70 G | | 8411210010* | 50-272 P |
| | 8411270322 | 50-70 G | | 8411210019 | 50-272 P |
| | 8411270325* | 50-70 G | | 8411210019 | 50-272 P |
| | 8411270325* | 50-70 G | | 8411210024* | 50-272 P |
| Public Interest Research Group, Ohio | 8411050149 | PR | | 8411210024* | 50-272 P |
| Public Service Co. of Colorado | 8411050276 | 50-267 F | | 8411210030 | 50-272 P |
| | 8411050356 | 50-267 F | | 8411210030 | 50-272 P |
| | 8411060027 | 50-267 P | | 8411210033* | 50-272 P |
| | 8411060032* | 50-267 P | | 8411210033* | 50-272 P |
| | 8411060036* | 50-267 P | | 8411210111 | 50-272 P |
| | 8411060041 | 50-267 F | | 8411210115 | 50-272 P |
| | 8411120169 | 50-267 S | | 8411210115 | 50-272 P |
| | 8411130046 | 50-267 P | | 8411210116* | 50-272 P |
| | 8411130331 | 50-267 F | | 8411210116* | 50-272 P |
| | 8411130336 | 50-267 F | | 8411210117* | 50-272 P |
| | 8411160023 | 50-267 S | | 8411210171 | 50-311 P |
| | 8411160026* | 50-267 S | | 8411210182* | 50-311 P |
| | 8411160029* | 50-267 S | | 8411210215 | 50-272 P |
| | 8411200054 | 50-267 P | | 8411210215 | 50-272 P |
| | 8411200061 | 50-267 F | | 8411210227* | 50-272 P |
| | 8411200068 | 50-267 H | | 8411210227* | 50-272 P |
| | 8411200133 | 50-267 S | | 8411210234 | 50-311 P |
| | 8411210207 | 50-267 P | | 8411210240 | 50-311 P |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|--------------------------------------------|---------------------|---------------------|----------------------------------------------------------|---------------------|---------------------|
| | 8411210241* | 50-311 P | | 8411090135 | WASTE RES |
| | 8411210249* | 50-311 P | | 8411130571 | NUREG |
| | 8411210254 | 50-272 S | | 8411130663 | NUREG |
| | 8411210325 | 50-272 R | | 8411130674 | NUREG |
| | 8411210326 | 50-311 R | | 8411130682 | NUREG |
| | 8411260223 | 50-272 J | | 8411130696 | NUREG |
| | 8411260223 | 50-272 J | | 8411130735 | NUREG |
| | 8411260285 | 50-354 A | | 8411130737 | NUREG |
| | 8411270399 | 50-272 F | | 8411140102 | NUREG |
| | 8411270399 | 50-272 F | | 8411160083 | NUREG |
| | 8411280175 | 50-272 R | | 8411160085 | NUREG |
| | 8411280175 | 50-272 R | | 8411210170 | NUREG |
| | 8411280567 | 50-354 S | | 8411290061 | NUREG |
| | 8411290111 | 50-354 S | | 8411290068 | NUREG |
| | 8411290124 | 50-354 G | | 8411290131 | NUREG |
| | 8411290232 | 50-272 S | | 8411290150 | NUREG |
| | 8411290396 | 50-272 S | | 8411290376 | NUREG |
| | 8411290404 | 50-272 S | | 8411030303 | XPORTLIC |
| Purdue Univ., West Lafayette, IN | 8411120375 | RES | Sandvik Special Metals Corp. | 8411070195 | XPORTLIC |
| Reactor Controls, Inc. | 8411200336 | PR | | 8411080392 | XPORTLIC |
| Reactor Experiments, Inc. | 8411160380 | XPORTLIC | | 8411160178 | XPORTLIC |
| Rensselaer Polytechnic Institute, Troy, NY | 8411260282 | 50-225 G | | 8411160378 | XPORTLIC |
| Research Services, Inc. | 8411280321* | 50-267 F | | 8411160381* | XPORTLIC |
| Reuter-Stokes, Inc. | 8411070281 | XPORTLIC | | 8411280344 | XPORTLIC |
| Rhode Island & Providence Plantation | 8411050318 | PR | | 8411280416 | XPORTLIC |
| Rio Algom Corp. | 8411160593 | 40-8084 | | 8411290121 | XPORTLIC |
| | 8411200523 | 40-8084 | | 8411290125 | XPORTLIC |
| | 8411200587 | 40-8084 | | 8411290156 | XPORTLIC |
| Rochester Gas & Electric Corp. | 8410240250 | 50-244 P | Save Our Wetlands, Inc. | 8411150300 | 50-382 G |
| | 8411010377 | 50-244 G | Schiff, Hardin & Waite | 8411200272 | 50-461 G |
| | 8411010387 | 50-244 S | | | |
| | 8411010395 | 50-244 P | Schuylkill Township, PA | 8411010509* | 50-352 F |
| | 8411050270 | 50-244 P | | 8411010509* | 50-352 F |
| | 8411060464 | 50-244 P | | 8411010512* | 50-352 F |
| | 8411080287 | 50-244 F | Schwartz, S. G. MD | 8411010512* | 50-352 F |
| | 8411080290* | 50-244 F | | 8411050454 | PR |
| | 8411140450 | 50-244 R | Science Applications, Inc. | 8411010296* | 50-271 F |
| | 8411150262 | 50-244 S | | 8411080029* | WASTE RES |
| | 8411200117 | 50-244 X | | 8411080134* | WASTE RES |
| | 8411210272 | 50-244 F | | 8411090183* | 50-153 F |
| | 8411270033 | 50-244 S | | 8411140502* | CONTRACT |
| Rockbestos Co. | 8411080551 | WASTE MGT | | 8411260563* | 50-387 X |
| Rockwell International Corp. | 8411080129* | WASTE RES | | 8411270082* | 70-36 |
| | 8411080477* | WASTE RES | | 8411280386* | 50-259 X |
| | 8411080489* | WASTE RES | | 8411280590* | CONTRACT |
| | 8411080493* | WASTE RES | Senate | 8411050381 | PR |
| | 8411090416 | WASTE MGT | Sequoyah Fuels Corp. (subs. of Kerr-McGee Nuclear Corp.) | 8411190131 | 40-8768 |
| | 8411140368 | I&E | | | |
| Runkle, J. D. | 8411190341* | 50-400 G | Shaw, Pittman, Potts & Trowbridge | 8411010583 | 50-289 G |
| Ruskin Manufacturing Co. | 8411190524 | 50-245 S | | 8411010585 | 50-289 G |
| | | | | 8411010589 | 50-289 G |
| S. Cohen & Associates, Inc. | 8411160028 | NUREG | | 8411020026 | 50-289 G |
| SENEC Consultants, Ltd. | 8411090467* | WASTE MGT | | 8411020047 | 50-382 G |
| Sacramento Municipal Utility District | 8411020225 | 50-312 P | | 8411020059 | 50-289 G |
| | 8411020229* | 50-312 P | | 8411020533 | 50-289 G |
| | 8411050420 | 50-312 P | | 8411020538 | 50-289 G |
| | 8411060137 | 50-312 P | | 8411020545* | 50-289 G |
| | 8411060144* | 50-312 P | | 8411050427 | 50-289 T |
| | 8411060201 | 50-312 S | | 8411060376 | 50-440 G |
| | 8411060293 | 50-312 P | | 8411060423 | 50-382 G |
| | 8411060299 | 50-312 S | | 8411060443 | 50-289 T |
| | 8411060410 | 50-312 G | | 8411060467 | 50-289 G |
| | 8411070031 | 50-312 V | | 8411060478 | 50-289 T |
| | 8411120264 | 50-312 P | | 8411060491 | 50-400 G |
| | 8411120271* | 50-312 P | | 8411060492* | 50-400 G |
| | 8411140380 | 50-312 P | | 8411060497 | 50-289 T |
| | 8411140383* | 50-312 P | | 8411070033 | 50-400 T |
| | 8411160230 | 50-312 P | | 8411070222 | 50-289 G |
| | 8411190133 | 50-312 P | | 8411070236 | 50-424 G |
| | 8411190137* | 50-312 P | | 8411070251 | 50-289 G |
| | 8411190556 | 50-312 S | | 8411090270 | 50-289 G |
| | 8411200314 | 50-312 S | | 8411090448 | 50-289 G |
| | 8411200319 | 50-312 P | | 8411090468 | 50-289 G |
| | 8411200325* | 50-312 P | | 8411090475 | 50-289 G |
| | 8411260334 | 50-312 P | | 8411130600 | 50-289 G |
| | 8411260338 | 50-312 G | | 8411130617* | 50-289 G |
| | 8411290360 | 50-312 R | | 8411130665 | 50-289 G |
| Sandia Laboratories | 8411080476 | WASTE RES | | 8411130677 | 50-289 G |
| | 8411080579 | WASTE RES | | 8411140005 | 50-382 G |
| | 8411080591 | WASTE RES | | 8411140373* | 50-289 G |
| | 8411080609 | WASTE RES | | 8411140425 | 50-289 G |
| | 8411080653 | WASTE RES | | 8411140504 | 50-400 G |
| | 8411080672 | WASTE RES | | 8411150236 | 50-424 G |
| | 8411090004 | WASTE RES | | 8411190183 | 50-289 G |
| | 8411090045 | WASTE RES | | 8411190410 | 50-382 G |

CORPORATE SOURCE INDEX

507

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------------------------|---------------------|---------------------|-------------------------------------------------------------------------|---------------------|---------------------|
| | 8411190378 | 50-289 G | | 8411160611 | 50-206 S |
| | 8411190580* | 50-289 G | | 8411190327 | 50-206 Q |
| | 8411200014 | 50-440 G | | 8411190429 | 50-361 P |
| | 8411200289 | 50-382 G | | 8411200329 | 50-206 F |
| | 8411260021 | 50-289 G | | 8411200338 | 50-206 P |
| | 8411260033* | 50-289 G | | 8411200339* | 50-206 F |
| | 8411280283 | 50-289 G | | 8411200451 | 50-206 S |
| | 8411290215 | FOIA | | 8411210258 | 50-206 P |
| | 8411290293 | 50-440 G | | 8411210384 | 50-206 P |
| | 8411290325 | 50-289 G | | 8411260214 | 50-206 P |
| Sierra Club | 8411010349 | 50-537 G | | 8411260256 | 50-206 F |
| Skippack Township, PA | 8411010659* | 50-352 F | | 8411260418 | 50-206 P |
| Slemmons, D.B. | 8411260612* | 50-273 P | | 8411280341 | 50-206 S |
| Small Business Administration | 8411020090* | CONTRACT | | 8411290153 | 50-362 S |
| | 8411020230* | CONTRACT | | 8411290355 | 50-206 F |
| | 8411080395* | CONTRACT | | 8411290403 | 50-361 S |
| | 8411080522* | CONTRACT | | 8411010275 | PR |
| Snyder Drilling & Well Servicing | 8411280390* | CONTRACT | | 8411150290 | 50-275 G |
| South Carolina Electric & Gas Co. | 8411210316 | 71-306 | Southern California, Univ. of, Los Angeles, CA | 8411080098 | REG00 |
| | 8411020164 | 50-393 F | Spiegel & McDiarmid | 8411030599* | 50-352 F |
| | 8411020169* | 50-393 F | St. John Medical Center, Tulsa, OK | | |
| | 8411020228 | 50-393 F | St. Peter's School, Pottstown, PA | | |
| | 8411060167 | 50-393 P | St. Pius X High School, Pottstown, PA | 8411010519* | 50-352 F |
| | 8411090370 | 50-393 S | Standardized Nuclear Unit Power Plant System | 8411290105 | 50-482 G |
| | 8411120056 | 50-393 S | State, Dept. of, Bureau of Oceans & Intl. Environ. & Scientific Affairs | 8411260298 | XPORTLIC |
| | 8411130369 | 50-393 S | Stone & Webster Engineering Corp. | 8411050246* | 50-334 G |
| | 8411140034* | 50-393 G | | 8411080102 | GA999 |
| | 8411150057 | 50-393 P | | 8411150114* | 50-410 R |
| | 8411150241* | 50-393 G | | 8411150115* | 50-410 R |
| | 8411150273 | 50-393 R | | 8411150118* | 50-410 R |
| | 8411160155 | 50-393 S | | 8411150121* | 50-410 R |
| | 8411160167 | 50-393 S | | 8411150122* | 50-410 R |
| | 8411160175 | 50-393 S | | 8411150129* | 50-410 R |
| | 8411190310 | 50-393 P | | 8411150133* | 50-410 R |
| | 8411260352 | 50-393 S | | 8411150134* | 50-410 R |
| | 8411260545 | 50-393 S | | 8411150136* | 50-410 R |
| | 8411260552 | 50-393 S | Structural & Earthquake Engineering Consultants | 8411140420* | CONTRACT |
| South Carolina, State of | 8411270083 | PRM | | | |
| | 8411070055 | STATE PROG | | | |
| | 8411290660* | WASTE MGT | Suffolk County, NY | 8411010556 | 50-322 G |
| | 8411290662* | WASTE MGT | | 8411060584 | 50-322 T |
| Southern California Edison Co. | 8411060228 | 50-206 F | | 8411060587* | 50-322 T |
| | 8411070001 | 50-206 P | | 8411060590* | 50-322 T |
| | 8411070008 | 50-206 F | | 8411060594* | 50-322 T |
| | 8411070010* | 50-206 F | | 8411060596* | 50-322 T |
| | 8411070104 | 50-206 P | | 8411090444 | 50-322 T |
| | 8411070109* | 50-206 P | | 8411130583* | 50-322 G |
| | 8411070144 | 50-206 P | | 8411130676 | 50-322 G |
| | 8411070227 | 50-206 P | | 8411140480 | 50-322 G |
| | 8411070298 | 50-361 S | | 8411150267 | 50-322 G |
| | 8411090195 | 50-206 G | | 8411150270* | 50-322 G |
| | 8411090251 | 50-206 G | | 8411150309 | 50-322 G |
| | 8411090251 | 50-206 G | | 8411200254 | 50-322 G |
| | 8411090326 | 50-361 S | | 8411260009 | 50-322 G |
| | 8411120133 | 50-361 S | | 8411270364 | 50-322 G |
| | 8411120153 | 50-361 S | Sugarman, Denuorth & Hellegers | 8411140008 | 50-352 G |
| | 8411120251 | 50-361 P | | 8411140008 | 50-352 G |
| | 8411120251 | 50-361 P | | 8411140011* | 50-352 G |
| | 8411130029 | 50-206 S | | 8411140011* | 50-352 G |
| | 8411140180 | 50-361 P | | 8411140014* | 50-352 G |
| | 8411140180 | 50-361 P | | 8411140014* | 50-352 G |
| | 8411140226 | 50-206 F | | 8411140017* | 50-352 G |
| | 8411140226 | 50-206 F | | 8411140017* | 50-352 G |
| | 8411140226 | 50-206 F | | 8411140268 | 50-352 P |
| | 8411140241 | 50-361 P | | 8411140268 | 50-352 P |
| | 8411140241 | 50-361 P | | 8411150335 | 50-352 G |
| | 8411140378 | 50-206 P | | 8411150335 | 50-352 G |
| | 8411140378 | 50-206 P | | 8411200298 | 50-352 G |
| | 8411140378 | 50-206 P | | 8411210430 | 50-352 G |
| | 8411140384* | 50-206 P | | 8411210430 | 50-352 G |
| | 8411140384* | 50-206 P | TDI (Transamerica Delaval, Inc.) Owners Group | 8411210430 | 50-352 G |
| | 8411150215 | 50-206 R | | 8411270362 | 50-352 P |
| | 8411150233 | 50-361 R | | 8411080235 | 50-206 S |
| | 8411150239* | 50-361 R | | 8411080235 | 50-206 S |
| | 8411150242* | 50-361 R | | 8411080235 | 50-206 S |
| | 8411160065 | 50-361 S | | 8411080235 | 50-206 S |
| | 8411160118 | 50-361 S | | 8411080235 | 50-206 S |
| | 8411160318 | 50-206 F | | 8411080235 | 50-206 S |
| | 8411160318 | 50-206 F | | 8411080235 | 50-206 S |
| | 8411160331 | 50-361 F | | 8411080235 | 50-206 S |
| | 8411160331 | 50-361 F | | 8411080235 | 50-206 S |
| | 8411160409 | 50-361 S | | 8411080235 | 50-206 S |
| | 8411160411 | 50-361 S | | 8411080235 | 50-206 S |
| | 8411160607 | 50-361 S | | 8411080235 | 50-206 S |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------------|---------------------|---------------------|----------------------------|---------------------|---------------------|
| | 8411080235 | 50-206 S | | 8411050193 | WASTE RES |
| | 8411080235 | 50-206 S | | 8411050197 | WASTE RES |
| | 8411080235 | 50-206 S | | 8411050200 | WASTE RES |
| | 8411080235 | 50-206 S | | 8411050204 | WASTE RES |
| | 8411080235 | 50-206 S | | 8411050207 | WASTE RES |
| | 8411080235 | 50-206 S | | 8411050213 | WASTE RES |
| | 8411080235 | 50-206 S | | 8411050222 | WASTE RES |
| | 8411080235 | 50-206 S | | 8411050234 | WASTE RES |
| | 8411080235 | 50-206 S | | 8411080093 | WASTE RES |
| | 8411080235 | 50-206 S | | 8411080103 | WASTE RES |
| | 8411080326 | 50-206 S | | 8411080251 | WASTE RES |
| | 8411080326 | 50-206 S | | 8411080263 | WASTE RES |
| | 8411080326 | 50-206 S | | 8411080411 | WASTE RES |
| | 8411080326 | 50-206 S | | 8411080436 | WASTE RES |
| | 8411080326 | 50-206 S | Teledyne Ohio Cast | 8411130702 | 71-331 |
| | 8411080326 | 50-206 S | Tenneco, Inc. | 8411130294 | 71-23 |
| | 8411080326 | 50-206 S | Tennessee Valley Authority | 8411010075 | 50-260 P |
| | 8411080326 | 50-206 S | | 8411010077 | 50-390 S |
| | 8411080326 | 50-206 S | | 8411010077 | 50-390 S |
| | 8411080326 | 50-206 S | | 8411010094 | 50-390 S |
| | 8411080326 | 50-206 S | | 8411010196 | 50-390 S |
| | 8411080326 | 50-206 S | | 8411010196 | 50-390 S |
| | 8411080326 | 50-206 S | | 8411010202 | 50-260 S |
| | 8411080326 | 50-206 S | | 8411010316 | 50-390 S |
| | 8411080326 | 50-206 S | | 8411010316 | 50-390 S |
| | 8411080326 | 50-206 S | | 8411020048 | 50-259 S |
| | 8411080326 | 50-206 S | | 8411020048 | 50-259 S |
| | 8411080326 | 50-206 S | | 8411020048 | 50-259 S |
| | 8411080326 | 50-206 S | | 8411020186 | 50-327 F |
| | 8411080326 | 50-206 S | | 8411020186 | 50-327 F |
| | 8411080326 | 50-206 S | | 8411020256 | 50-327 F |
| | 8411080326 | 50-206 S | | 8411020256 | 50-327 F |
| | 8411140052 | 50-206 S | | 8411020310 | 50-259 P |
| | 8411140344 | 50-206 S | | 8411020310 | 50-259 P |
| | 8411140344 | 50-206 S | | 8411020310 | 50-259 P |
| | 8411140344 | 50-206 S | | 8411020320* | 50-259 P |
| | 8411140344 | 50-206 S | | 8411020320* | 50-259 P |
| | 8411140344 | 50-206 S | | 8411020320* | 50-259 P |
| | 8411140344 | 50-206 S | | 8411020409 | 50-259 P |
| | 8411140344 | 50-206 S | | 8411020409 | 50-259 P |
| | 8411140344 | 50-206 S | | 8411030660 | 50-327 S |
| | 8411140344 | 50-206 S | | 8411030667 | 50-328 S |
| | 8411140344 | 50-206 S | | 8411050042 | 50-296 S |
| | 8411140344 | 50-206 S | | 8411050288 | 50-259 F |
| | 8411140344 | 50-206 S | | 8411050288 | 50-259 F |
| | 8411140344 | 50-206 S | | 8411050288 | 50-259 F |
| | 8411140344 | 50-206 S | | 8411050352 | 50-259 F |
| | 8411140344 | 50-206 S | | 8411050352 | 50-259 F |
| | 8411140344 | 50-206 S | | 8411050352 | 50-259 F |
| | 8411140344 | 50-206 S | | 8411050414 | 50-390 A |
| | 8411140344 | 50-206 S | | 8411050414 | 50-390 A |
| | 8411140344 | 50-206 S | | 8411050417* | 50-390 A |
| | 8411140344 | 50-206 S | | 8411050421* | 50-390 A |
| | 8411140344 | 50-206 S | | 8411060080 | 50-327 P |
| | 8411140344 | 50-206 S | | 8411060080 | 50-327 P |
| | 8411130011 | 50-206 S | | 8411060129 | 50-390 A |
| | 8411260049 | 50-206 S | | 8411060166 | 50-327 P |
| | 8411290194 | 50-206 S | | 8411060210 | 50-259 R |
| TERA Corp. | 8411290053* | 50-267 F | | 8411060210 | 50-259 R |
| Tectec Systems, Inc. | 8411290148* | CONTRACT | | 8411060210 | 50-259 R |
| Tech/Ops | 8411130300 | 71-9006 | | 8411060223 | 50-259 P |
| | 8411130384 | 71-9027 | | 8411060237 | 50-327 S |
| | 8411130545 | 71-9137 | | 8411060321 | 50-327 F |
| | 8411130549 | 71-9035 | | 8411060321 | 50-327 F |
| Teknekron, Inc. | 8411050065 | WASTE RES | | 8411060613 | 50-259 S |
| | 8411050070 | WASTE RES | | 8411080027 | 50-390 Q |
| | 8411050076 | WASTE RES | | 8411080261 | 50-327 Q |
| | 8411050082 | WASTE RES | | 8411080283 | 50-327 Q |
| | 8411050086 | WASTE RES | | 8411080283 | 50-327 Q |
| | 8411050098 | WASTE RES | | 8411080307 | 50-259 F |
| | 8411050103 | WASTE RES | | 8411080315 | 50-390 F |
| | 8411050104 | WASTE RES | | 8411080328* | 50-438 Q |
| | 8411050123 | WASTE RES | | 8411080333* | 50-438 Q |
| | 8411050130 | WASTE RES | | 8411080340* | 50-438 Q |
| | 8411050139 | WASTE RES | | 8411080550 | 50-327 S |
| | 8411050143 | WASTE RES | | 8411090351 | 50-328 S |
| | 8411050153 | WASTE RES | | 8411120072 | 50-259 R |
| | 8411050160 | WASTE RES | | 8411120072 | 50-259 R |
| | 8411050166 | WASTE RES | | 8411120072 | 50-259 R |
| | 8411050172 | WASTE RES | | 8411120077* | 50-259 R |
| | 8411050178 | WASTE RES | | 8411120077* | 50-259 R |
| | 8411050185 | WASTE RES | | 8411120077* | 50-259 R |
| | 8411050190 | WASTE RES | | 8411130569* | 50-259 Q |

CORPORATE SOURCE INDEX

509

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------------|---------------------|---------------------|----------------------------------------|---------------------|---------------------|
| | 8411130638 | 50-327 S | | 8411260300 | 50-390 F |
| | 8411140209 | 50-327 P | | 8411260374 | 50-390 A |
| | 8411140209 | 50-327 P | | 8411270543 | 50-328 S |
| | 8411140214* | 50-327 P | | 8411280182 | 50-327 P |
| | 8411140214* | 50-327 P | | 8411280182 | 50-327 P |
| | 8411140245 | 50-259 P | | 8411280183 | 50-390 A |
| | 8411140278 | 50-537 A | | 8411280191* | 50-390 A |
| | 8411140301* | 50-390 Q | | 8411280237 | PRM |
| | 8411140440 | 50-327 R | | 8411290270 | 50-390 S |
| | 8411140575 | 50-296 S | | 8411290290 | 50-438 S |
| | 8411150036 | 50-390 Q | | 8411290315 | 50-391 S |
| | 8411150040* | 50-390 Q | | 8411290328 | 50-438 S |
| | 8411150094* | 50-327 Q | | 8411290613 | 50-327 S |
| | 8411150296 | 50-259 R | | 8411290629 | 50-438 S |
| | 8411150296 | 50-259 R | | 8411080315 | 50-390 F |
| | 8411150296 | 50-259 R | Tennessee, State of | 8411070127 | PR |
| | 8411160013* | 50-259 Q | Texas A&M Univ., College Station, TX | 8411070137* | 50-352 T |
| | 8411160041 | 50-327 S | Texas Utilities Electric Co. (formerly | 8408280172 | 50-445 A |
| | 8411160079 | 50-438 S | Texas Utilities Generating Co.) | 8411010302 | 50-445 A |
| | 8411160092 | 50-438 S | | 8411020074 | 50-445 Q |
| | 8411160100 | 50-438 S | | 8411020074 | 50-445 Q |
| | 8411160100 | 50-438 S | | 8411020077* | 50-445 Q |
| | 8411160162 | 50-259 P | | 8411020077* | 50-445 Q |
| | 8411160162 | 50-259 P | | 8411020081* | 50-445 Q |
| | 8411160162 | 50-259 P | | 8411020081* | 50-445 Q |
| | 8411160162 | 50-259 P | | 8411020084* | 50-445 Q |
| | 8411160162 | 50-259 P | | 8411020084* | 50-445 Q |
| | 8411160162 | 50-259 P | | 8411050470 | 50-445 S |
| | 8411160162 | 50-259 P | | 8411060198 | 50-445 A |
| | 8411160162 | 50-259 P | | 8411060198 | 50-445 A |
| | 8411160162 | 50-259 P | | 8411060303 | 50-445 Q |
| | 8411160162 | 50-259 P | | 8411060303 | 50-445 Q |
| | 8411160177* | 50-259 P | | 8411060309* | 50-445 Q |
| | 8411160177* | 50-259 P | | 8411060557 | 50-445 Q |
| | 8411160177* | 50-259 P | | 8411060601 | 50-445 Q |
| | 8411160177* | 50-259 P | | 8411060601 | 50-445 Q |
| | 8411160177* | 50-259 P | | 8411060604* | 50-445 Q |
| | 8411160177* | 50-259 P | | 8411060604* | 50-445 Q |
| | 8411160177* | 50-259 P | | 8411060615 | 50-445 Q |
| | 8411160177* | 50-259 P | | 8411060615 | 50-445 Q |
| | 8411160177* | 50-259 P | | 8411070005 | 50-445 Q |
| | 8411160177* | 50-259 P | | 8411070005 | 50-445 Q |
| | 8411160180 | 50-391 S | | 8411070011 | 50-445 A |
| | 8411160180 | 50-391 S | | 8411070011 | 50-445 A |
| | 8411160180 | 50-391 S | | 8411070026* | 50-445 Q |
| | 8411160205 | 50-438 S | | 8411070026* | 50-445 Q |
| | 8411160205 | 50-438 S | | 8411070069* | 50-445 Q |
| | 8411160211 | 50-390 S | | 8411070069* | 50-445 Q |
| | 8411160322 | 50-438 S | | 8411070074* | 50-445 Q |
| | 8411160322 | 50-438 S | | 8411070074* | 50-445 Q |
| | 8411160422 | 50-438 S | | 8411070081 | 50-445 A |
| | 8411160422 | 50-438 S | | 8411070081 | 50-445 A |
| | 8411160627 | 50-438 S | | 8411070084* | 50-445 Q |
| | 8411190005 | 50-438 S | | 8411070084* | 50-445 Q |
| | 8411190058 | 50-390 S | | 8411070087* | 50-445 A |
| | 8411190100 | 40-1341 S | | 8411070087* | 50-445 A |
| | 8411190101 | 50-327 S | | 8411070209 | 50-445 Q |
| | 8411190120 | 50-390 S | | 8411070209 | 50-445 Q |
| | 8411190120 | 50-390 S | | 8411080347 | 50-445 S |
| | 8411190125 | 50-390 S | | 8411090277 | 50-445 Q |
| | 8411190125 | 50-390 S | | 8411090277 | 50-445 Q |
| | 8411190135 | 50-390 S | | 8411090304 | 50-445 Q |
| | 8411190135 | 50-390 S | | 8411090304 | 50-445 Q |
| | 8411190278 | 50-328 S | | 8411090315* | 50-445 Q |
| | 8411190348 | 50-390 A | | 8411090315* | 50-445 Q |
| | 8411190348 | 50-390 A | | 8411090333 | 50-445 Q |
| | 8411190353* | 50-390 A | | 8411090333 | 50-445 Q |
| | 8411190353* | 50-390 A | | 8411090377* | 50-445 Q |
| | 8411190526 | 50-260 P | | 8411130103 | 50-445 Q |
| | 8411190594 | 50-296 S | | 8411130103 | 50-445 Q |
| | 8411200034 | 50-327 S | | 8411130249 | 50-445 Q |
| | 8411200168 | 50-438 S | | 8411130249 | 50-445 Q |
| | 8411200168 | 50-438 S | | 8411130642 | 50-445 S |
| | 8411200275 | 50-259 F | | 8411130642 | 50-445 S |
| | 8411200308 | 50-327 P | | 8411130719 | 50-445 Q |
| | 8411200467 | 50-438 S | | 8411130719 | 50-445 Q |
| | 8411200467 | 50-438 S | | 8411130719 | 50-445 Q |
| | 8411200474 | 50-438 S | | 8411130719 | 50-445 Q |
| | 8411200474 | 50-438 S | | 8411130719 | 50-445 Q |
| | 8411200482 | 50-390 S | | 8411130719 | 50-445 Q |
| | 8411210085 | 50-438 S | | 8411140001 | 50-445 Q |
| | 8411210085 | 50-438 S | | 8411140001 | 50-445 Q |
| | 8411210094 | 50-438 S | | 8411140003* | 50-445 Q |
| | 8411210274 | 50-390 S | | 8411140003* | 50-445 Q |
| | 8411260274 | 50-327 P | | 8411140003* | 50-445 Q |

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------------------|---------------------|---------------------|---------------------------------------------------------|---------------------|---------------------|
| | 8411140224 | 50-445 A | | 8411260026 | 50-289 Q |
| | 8411140224 | 50-445 A | | 8411260034* | 50-289 Q |
| | 8411150056 | 50-445 K | | 8411280207 | 50-289 Q |
| | 8411150056 | 50-445 K | Toledo Edison Co. | 8411030716 | 50-346 S |
| | 8411150066* | 50-445 K | | 8411050106 | 50-346 P |
| | 8411150066* | 50-445 K | | 8411060369* | 50-346 Q |
| | 8411160367 | 50-445 A | | 8411120224 | 50-346 P |
| | 8411160367 | 50-445 A | | 8411120229* | 50-346 P |
| | 8411160609 | 50-445 S | | 8411120234* | 50-346 P |
| | 8411160617 | 50-445 S | | 8411120277 | 50-346 P |
| | 8411160619 | 50-445 S | | 8411120284* | 50-346 P |
| | 8411190099 | 50-445 Q | | 8411120290* | 50-346 P |
| | 8411190254 | 50-445 Q | | 8411130376* | 50-346 Q |
| | 8411190254 | 50-445 Q | | 8411140197 | 50-346 F |
| | 8411200007 | 50-445 Q | | 8411140346 | 50-346 F |
| | 8411200007 | 50-445 Q | | 8411150015 | 50-346 P |
| | 8411200148 | 50-445 Q | | 8411150089 | 50-346 P |
| | 8411200148 | 50-445 Q | | 8411150323 | 50-346 R |
| | 8411200200 | 50-445 Q | | 8411160104 | 50-346 P |
| | 8411200200 | 50-445 Q | | 8411160113* | 50-346 P |
| | 8411200206 | 50-445 Q | | 8411160131 | 50-346 S |
| | 8411200206 | 50-445 Q | | 8411200045 | 50-346 S |
| | 8411200306 | 50-445 T | | 8411200559 | 50-346 R |
| | 8411200306 | 50-445 T | | 8411200562 | 50-346 R |
| | 8411200317 | 50-445 Q | | 8411210133 | 50-346 F |
| | 8411200317 | 50-445 Q | | 8411260011 | 50-346 S |
| | 8411200323* | 50-445 Q | | 8411270408 | 50-346 P |
| | 8411210002 | 50-445 A | | 8411280393 | 50-346 R |
| | 8411210137 | 50-445 A | | 8411280397* | 50-346 R |
| | 8411210137 | 50-445 A | | 8411290362 | 50-346 F |
| | 8411210222 | 50-445 S | | 8411290370 | 50-346 F |
| | 8411210222 | 50-445 S | Torrey Pines Technology | 8411030273 | 50-352 R |
| | 8411210424 | 50-445 Q | Transnuclear, Inc. | 8411070297 | XPORTLIC |
| | 8411260012 | 50-445 Q | | 8411210110 | 71-9016 |
| | 8411260053 | 50-445 A | Trial Lawyers for Public Justice | 8411020035 | 50-445 Q |
| | 8411260053 | 50-445 A | | 8411190454 | 50-445 Q |
| | 8411260057* | 50-445 A | | 8411190504 | 50-445 Q |
| | 8411260057* | 50-445 A | | 8411290334 | 50-445 Q |
| | 8411260160 | 50-445 F | Turk, J. | 8411060320 | 50-70 Q |
| | 8411260160 | 50-445 F | U.S. Ecology, Inc. (formerly Nuclear Engineering, Inc.) | 8411080506 | WASTE MGT |
| | 8411260293 | 50-445 A | | 8411090023 | 27-48 |
| | 8411260293 | 50-445 A | | 8411090456 | 27-48 |
| | 8411260317 | 50-445 A | | 8411090459 | 27-48 |
| | 8411260317 | 50-445 A | UMETCO Minerals Corp. (subs. of Union Carbide Corp.) | 8411160644 | 40-8681 |
| | 8411260321 | 50-445 A | | 8411190050 | 40-299 |
| | 8411260321 | 50-445 A | | 8411190140 | 40-299 |
| | 8411260386 | 50-445 A | | 8411190143* | 40-299 |
| | 8411260386 | 50-445 A | | 8411190257 | 40-299 |
| | 8411270189 | 50-445 Q | | 8411190260* | 40-299 |
| | 8411270189 | 50-445 Q | | 8411190370 | 40-299 |
| | 8411270196* | 50-445 Q | | 8411190601 | 40-299 |
| | 8411270196* | 50-445 Q | | 8411190602* | 40-299 |
| | 8411270320 | 50-445 T | | 8411200489 | 40-299 |
| | 8411270320 | 50-445 T | | 8411050290 | PR |
| | 8411290304 | 50-445 Q | Union Carbide Corp. | 8411140398 | 50-54 P |
| | 8411290304 | 50-445 Q | | 8411200109 | 40-299 |
| | 8411290341 | 50-445 Q | | 8411030634 | 50-483 S |
| | 8411290341 | 50-445 Q | Union Electric Co. | 8411060323 | 50-483 F |
| | 8411290348 | 50-445 Q | | 8411060569 | 50-483 S |
| | 8411290352 | 50-445 Q | | 8411070331 | 50-483 E |
| | 8411290358 | 50-445 Q | | 8411080353 | 50-483 P |
| | 8411290358 | 50-445 Q | | 8411090206 | 50-483 S |
| | 8411290371 | 50-445 Q | | 8411140211 | 50-483 S |
| | 8411290371 | 50-445 Q | | 8411150060 | 50-483 F |
| | 8411290381* | 50-445 Q | | 8411150336 | 50-483 R |
| | 8411290381* | 50-445 Q | | 8411160032 | 50-483 S |
| | 8411290387* | 50-445 Q | | 8411160037* | 50-483 Q |
| | 8411290387* | 50-445 Q | | 8411160050 | 50-483 S |
| | 8411080646 | WASTE MGT | | 8411160050 | 50-483 S |
| | 8411160038 | 50-192 F | | 8411190088 | 50-483 S |
| | 8411120375 | RES | | 8411190227 | 50-483 S |
| | 8411010168 | 50-289 Q | | 8411190509* | 50-483 Q |
| | 8411060220 | 50-289 Q | | 8411190550 | 50-483 J |
| | 8411060253 | 50-289 Q | | 8411190588 | 50-483 S |
| | 8411060348 | 50-289 Q | | 8411190590 | 50-483 S |
| | 8411060359* | 50-289 Q | | 8411200036 | 50-483 R |
| | 8411060366* | 50-289 Q | | 8411200320 | 50-483 Q |
| | 8411060439 | 50-289 Q | | 8411260446 | 50-483 S |
| | 8411140198 | 50-289 Q | | 8411270393 | 50-483 F |
| | 8411140373* | 50-289 Q | | 8411280413 | 50-483 S |
| | 8411150259 | 50-289 Q | | 8411290017 | 50-483 S |
| | 8411150266* | 50-289 Q | | 8411140066 | 40-8584 |
| | 8411150286 | 50-289 Q | Union Minerals | 8411060334 | 50-289 Q |
| | 8411190379 | 50-289 Q | Union of Concerned Scientists | | |
| | 8411190470 | 50-289 Q | | | |
| Texas, State of | | | | | |
| Texas, Univ. of, Austin, TX | | | | | |
| Texas, Univ. of, El Paso, TX | | | | | |
| Three Mile Island Alert | | | | | |

CORPORATE SOURCE INDEX

511

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------------------------------------------------------|---------------------|---------------------|-----------------------------------------------------------------|---------------------|---------------------|
| | 8411040360 | PR | | 8411070205* | 50-382 Q |
| | 8411150229 | 50-289 Q | | 8411070206* | 50-382 Q |
| | 8411190408 | 50-289 Q | Virginia Electric & Power Co. | 8411010242 | 50-280 P |
| | 8411200161 | 50-289 T | | 8411050403 | 50-338 P |
| | 8411200167* | 50-289 T | | 8411060090 | 50-280 S |
| | 8411260025 | 50-289 Q | | 8411060165 | 50-338 S |
| | 8411290181 | FOIA | | 8411060402 | 50-338 Q |
| | 8411290189 | 50-447 A | | 8411080203 | 50-338 P |
| | 8411290317 | 50-289 Q | | 8411080203 | 50-338 P |
| | 8411290543 | FOIA | | 8411080213* | 50-338 P |
| United Engineers & Constructors, Inc. (subs. of Raytheon Co.) | 8411070051* | 50-443 A | | 8411080213* | 50-338 P |
| | 8411160028 | NUREG | | 8411080216 | 50-280 P |
| United Kingdom | 8411190431* | FOIA | | 8411080216 | 50-280 P |
| | 8411190435* | FOIA | | 8411080221* | 50-280 P |
| | 8411190477* | FOIA | | 8411080221* | 50-280 P |
| United Kingdom Atomic Energy Authority | 8411070237 | XPORTLIC | | 8411080238 | 50-339 Q |
| | 8411080367* | WASTE RES | | 8411080285 | 50-280 Q |
| United Nuclear Corp. (subs. of UNC Resources, Inc.) | 8411140457 | 71-6 | | 8411120039 | 50-339 S |
| | 8411190166 | 40-8781 | | 8411130515* | 50-280 Q |
| United States Testing Co., Inc. | 8411080577* | 27-48 | | 8411130592 | 50-338 S |
| | 8411020184 | 40-791 | | 8411140105* | 50-338 Q |
| Universal Technical Testing Laboratories, Inc. | 8411130391 | PR | | 8411140314 | 50-338 R |
| Uranerz USA, Inc. | 8411200469 | 40-8783 | | 8411150030 | 50-338 P |
| Uranium Resources, Inc. | 8411190052 | 40-8786 | | 8411150030 | 50-338 P |
| | 8411190577 | 40-8786 | | 8411150295 | 50-280 Y |
| | 8411200060 | 40-8786 | | 8411150338 | 50-280 R |
| Utah, State of | 8411080479 | WASTE MGT | | 8411160052 | 50-338 F |
| | 8411080581 | WASTE MGT | | 8411160052 | 50-338 F |
| | 8411090085 | WASTE MGT | | 8411160192 | 50-339 S |
| | 8411160203 | PRM | | 8411160276 | 50-339 P |
| Validyne Engineering Corp. | 8411200393* | 50-280 F | | 8411190235 | 50-338 S |
| | 8411200396* | 50-280 F | | 8411190303 | 50-280 P |
| | 8411200398* | 50-280 F | | 8411200028 | 50-338 F |
| | 8411200400* | 50-280 F | | 8411200178 | 50-338 Q |
| | 8411200402* | 50-280 F | | 8411200178 | 50-338 Q |
| | 8411200403* | 50-280 F | | 8411200391 | 50-280 F |
| | 8411200408* | 50-280 F | | 8411200446 | 50-338 S |
| | 8411200411* | 50-280 F | | 8411210269 | 50-339 S |
| | 8411200413* | 50-280 F | | 8411210419 | 50-338 Q |
| | 8411200418* | 50-280 F | | 8411210419 | 50-338 Q |
| | 8411200421* | 50-280 F | | 8411260054 | 50-339 S |
| | 8411200423* | 50-280 F | | 8411260294 | 50-338 Q |
| | 8411200426* | 50-280 F | | 8411260294 | 50-338 Q |
| | 8411200428* | 50-280 F | | 8411260345 | 50-280 F |
| | 8411200431* | 50-280 F | | 8411260355* | 50-280 F |
| | 8411200433* | 50-280 F | | 8411260362* | 50-280 F |
| | 8411200436* | 50-280 F | | 8411260380 | 50-280 P |
| | 8411200437* | 50-280 F | | 8411270174 | PR |
| | 8411200441* | 50-280 F | | 8411280274 | 50-338 P |
| | 8411200444* | 50-280 F | | 8411280274 | 50-338 P |
| Vermont Yankee Nuclear Power Corp. | 8411200448* | 50-280 F | | 8411280280* | 50-338 P |
| | 8411010392 | 50-271 Q | Virginia Polytechnic Institute & State Univ., Blacksburg, VA | 8411280280* | 50-338 P |
| | 8411020032 | 50-271 P | | 8411280356 | 50-280 S |
| | 8411060111 | 50-271 F | | 8411290389 | 50-339 S |
| | 8411090353 | 50-271 P | | 8411020209 | 50-124 P |
| | 8411130390 | 50-271 P | Virginia, Univ. of, Charlottesville, VA | 8411050334 | 50-124 P |
| | 8411130396* | 50-271 P | | 8411080456 | WASTE MGT |
| | 8411140081* | 50-271 Q | | 8411090467 | WASTE MGT |
| | 8411150018 | 50-271 P | | 8411160209 | 50-62 S |
| | 8411150024* | 50-271 P | | 8411210298* | CONTRACT |
| | 8411150037 | 50-271 P | W. J. Woolley Co. | 8411260398 | 50-352 S |
| | 8411150042* | 50-271 P | WESTEC Services, Inc. | 8411260577* | CONTRACT |
| | 8411160309 | 50-271 F | Warren Wilson College, Swannanoa, NC | 8411010151 | MISC |
| | 8411160416 | 50-271 S | Washington Public Power Supply System | 8411070098 | 50-397 V |
| | 8411190425 | 50-271 F | | 8411070103* | 50-397 V |
| | 8411200303 | 50-271 Q | | 8411120257 | 50-508 A |
| | 8411260179 | 50-271 P | | 8411150320 | 50-397 S |
| | 8411260185* | 50-271 P | | 8411150325 | 50-397 S |
| Vinson & Elkins | 8411280010 | 50-271 R | | 8411190377 | 50-397 F |
| | 8411200354 | 50-498 Q | | 8411200173 | 50-397 P |
| Virginia Corp. of Richmond | 8411070168* | 50-382 Q | | 8411200271 | PR |
| | 8411070169* | 50-382 Q | | 8411200312 | REGD |
| | 8411070171* | 50-382 Q | | 8411200382 | 50-397 F |
| | 8411070173* | 50-382 Q | | 8411200392 | 50-397 S |
| | 8411070181* | 50-382 Q | | 8411200394 | 50-397 S |
| | 8411070187* | 50-382 Q | | 8411200434 | 50-397 S |
| | 8411070189* | 50-382 Q | | 8411200440 | 50-397 S |
| | 8411070194* | 50-382 Q | | 8411210004 | 50-397 F |
| | 8411070199* | 50-382 Q | | 8411210165 | 50-397 P |
| | 8411070200* | 50-382 Q | | 8411260451 | 50-508 S |
| | 8411070203* | 50-382 Q | | 8411270040 | 50-397 S |
| | 8411070204* | 50-382 Q | | 8411270529 | 50-397 S |
| | | | | 8411280008 | 50-397 S |
| | | | | 8411280059 | 50-508 S |

CORPORATE SOURCE INDEX

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------------------------------------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|
| Washington State Univ., Pullman, WA Washington, State of | 8411280180 | 50-397 S | | 8411030803 | WASTE RES |
| | 8411290108 | 50-508 A | | 8411030808 | WASTE RES |
| | 8411010345 | 50-27 R | | 8411030810* | WASTE RES |
| | 8411080637 | WASTE MGT | | 8411030814 | WASTE RES |
| | 8411080641* | WASTE MGT | | 8411030817 | WASTE RES |
| Washington, Univ. of, Seattle, WA | 8411090178 | WASTE MGT | | 8411030822 | WASTE RES |
| | 8411130591 | PR | | 8411030825 | WASTE RES |
| | 8411140341 | 50-139 F | | 8411030833 | WASTE RES |
| | 8411270388 | 50-139 F | | 8411030840 | WASTE RES |
| Werre Corp. | 8411120097* | CONTRACT | | 8411030843 | WASTE RES |
| Western Nuclear, Inc. (subs. of Phelps Dodge Corp.) | 8411160555 | 40-8684 | | 8411030845 | WASTE RES |
| Westinghouse Electric Corp. | 8411190004 | 40-8684 | | 8411060001 | WASTE RES |
| | 8411010245* | 50-282 P | | 8411060003 | WASTE RES |
| | 8411010251* | 50-282 P | | 8411060006 | WASTE RES |
| | 8411020240 | XPORTLIC | | 8411060007 | WASTE RES |
| | 8411050409* | 50-284 P | | 8411060008 | WASTE RES |
| | 8411070052 | 50-87 P | | 8411060014 | WASTE RES |
| | 8411070058* | 50-87 P | | 8411060018 | WASTE RES |
| | 8411070152 | TOPREP | | 8411060019 | WASTE RES |
| | 8411070154* | TOPREP | | 8411060023 | WASTE RES |
| | 8411070223 | XPORTLIC | | 8411060024 | WASTE RES |
| | 8411070232 | XPORTLIC | | 8411060031 | WASTE RES |
| | 8411070270 | XPORTLIC | | 8411060035 | WASTE RES |
| | 8411070301 | XPORTLIC | | 8411060038 | WASTE RES |
| | 8411120357 | 50-400 A | | 8411060042 | WASTE RES |
| | 8411120357 | 50-400 A | | 8411060044* | WASTE RES |
| | 8411120366* | 50-400 A | | 8411060046 | WASTE RES |
| | 8411120366* | 50-400 A | | 8411060048 | WASTE RES |
| | 8411120374* | 50-400 A | | 8411060218 | WASTE RES |
| | 8411130177 | XPORTLIC | | 8411060550 | WASTE RES |
| | 8411130413 | PR | | 8411060563 | WASTE RES |
| | 8411150086* | 50-323 A | | 8411060565 | WASTE RES |
| | 8411160299 | GA999 | | 8411070253 | WASTE RES |
| | 8411190364 | 50-87 P | | 8411070264 | WASTE RES |
| | 8411190370* | 50-87 P | | 8411070272 | WASTE RES |
| | 8411190544 | 40-8502 | | 8411080016 | WASTE RES |
| | 8411200379* | 50-253 P | | 8411080023 | WASTE RES |
| | 8411210122* | REVIEW GRP | | 8411080042 | WASTE RES |
| | 8411210159 | 70-1151 | | 8411080046 | WASTE RES |
| | 8411260314 | XPORTLIC | | 8411080057 | WASTE RES |
| | 8411260427 | XPORTLIC | | 8411080060 | WASTE RES |
| | 8411260430* | XPORTLIC | | 8411080072 | WASTE RES |
| | 8411270396 | TOPREP | | 8411080076* | WASTE RES |
| | 8411270402* | TOPREP | | 8411080083 | WASTE RES |
| | 8411280196 | TOPREP | | 8411080087 | WASTE RES |
| | 8411280350 | RES | | 8411080101 | WASTE RES |
| | 8411290365* | 50-443 G | | 8411080109 | WASTE RES |
| | 8411290425* | FDIA | | 8411080118 | WASTE RES |
| Westinghouse Hittman Nuclear, Inc. | 8411140269 | 50-406 P | | 8411080123* | WASTE RES |
| Westinghouse Operating Plants Owners Group | 8411050205* | 50-247 P | | 8411080125 | WASTE RES |
| | | | | 8411080135 | WASTE RES |
| Weston Geophysical Corp. | 8411080481 | WASTE RES | | 8411080143 | WASTE RES |
| | 8411080584 | WASTE RES | | 8411080237 | WASTE RES |
| | 8411080612 | WASTE RES | | 8411080239 | WASTE RES |
| | 8411090173 | WASTE RES | | 8411080242 | WASTE RES |
| | 8411090192 | WASTE RES | | 8411080267 | WASTE RES |
| Williams & Associates | 8411030666 | WASTE RES | | 8411080281 | WASTE RES |
| | 8411030676 | WASTE RES | | 8411080331 | WASTE RES |
| | 8411030680 | WASTE RES | | 8411080336 | WASTE RES |
| | 8411030684 | WASTE RES | | 8411080446 | WASTE RES |
| | 8411030690 | WASTE RES | | 8411080466 | WASTE RES |
| | 8411030695* | WASTE RES | | 8411080528 | WASTE RES |
| | 8411030702 | WASTE RES | | 8411080561 | WASTE RES |
| | 8411030711 | WASTE RES | | 8411080597 | WASTE RES |
| | 8411030715 | WASTE RES | | 8411080665 | WASTE RES |
| | 8411030719 | WASTE RES | | 8411090091 | WASTE RES |
| | 8411030723 | WASTE RES | | 8411090103 | WASTE RES |
| | 8411030725 | WASTE RES | | 8411090108 | WASTE RES |
| | 8411030726 | WASTE RES | | 8411090114 | WASTE RES |
| | 8411030729 | WASTE RES | | 8411090126 | WASTE RES |
| | 8411030734 | WASTE RES | | 8411090142 | WASTE RES |
| | 8411030735 | WASTE RES | | 8411090149 | WASTE RES |
| | 8411030741 | WASTE RES | | 8411090191 | WASTE RES |
| | 8411030749 | WASTE RES | | 8411090196 | WASTE RES |
| | 8411030754 | WASTE RES | | 8411090202 | WASTE RES |
| | 8411030758 | WASTE RES | | 8411090266 | WASTE RES |
| | 8411030767 | WASTE RES | | 8411090272 | WASTE RES |
| | 8411030771 | WASTE RES | | 8411090290 | WASTE RES |
| | 8411030775 | WASTE RES | | 8411090298 | WASTE RES |
| | 8411030780 | WASTE RES | | 8411090312 | WASTE RES |
| | 8411030786 | WASTE RES | | 8411090352 | WASTE RES |
| | 8411030789 | WASTE RES | | 8411090354 | WASTE RES |
| | 8411030793 | WASTE RES | | 8411090357 | WASTE RES |
| | 8411030797 | WASTE RES | | 8411090362 | WASTE RES |
| | | | | 8411160560 | 40-8714 |

CORPORATE SOURCE INDEX

513

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------------------|---------------------|---------------------|
| Wisconsin Centrifugal, Inc. | 8411190095 | 40-8084 |
| | 8411210309 | 71-339 |
| | 8411210310* | 71-339 |
| Wisconsin Electric Power Co. | 8411020181 | 50-266 F |
| | 8411020181 | 50-266 F |
| | 8411020239 | 50-266 P |
| | 8411020239 | 50-266 P |
| | 8411050349 | 50-266 P |
| | 8411050349 | 50-266 P |
| | 8411050360* | 50-266 P |
| | 8411050360* | 50-266 P |
| | 8411050392 | 50-266 P |
| | 8411050392 | 50-266 P |
| | 8411060224 | 50-266 P |
| | 8411060224 | 50-266 P |
| | 8411120294 | 50-266 P |
| | 8411120295* | 50-266 P |
| | 8411120296* | 50-266 P |
| | 8411120298* | 50-266 P |
| | 8411120298* | 50-266 P |
| | 8411120299* | 50-266 P |
| | 8411120300* | 50-266 P |
| | 8411120300* | 50-266 P |
| | 8411120302* | 50-266 P |
| | 8411120302* | 50-266 P |
| | 8411120304* | 50-266 P |
| | 8411120304* | 50-266 P |
| | 8411120306* | 50-266 P |
| | 8411120306* | 50-266 P |
| | 8411120308* | 50-266 P |
| | 8411120308* | 50-266 P |
| | 8411120312* | 50-266 P |
| | 8411120312* | 50-266 P |
| | 8411120315* | 50-266 P |
| | 8411120320* | 50-266 P |
| | 8411120322* | 50-266 P |
| | 8411120322* | 50-266 P |
| | 8411120324* | 50-266 P |
| | 8411120324* | 50-266 P |
| | 8411120327* | 50-266 P |
| | 8411120327* | 50-266 P |
| | 8411120331* | 50-266 P |
| | 8411120331* | 50-266 P |
| | 8411120335* | 50-266 P |
| | 8411120335* | 50-266 P |
| | 8411120336* | 50-266 P |
| | 8411120336* | 50-266 P |
| | 8411120340* | 50-266 P |
| | 8411120340* | 50-266 P |
| | 8411120342* | 50-266 P |
| | 8411120343* | 50-266 P |
| | 8411120343* | 50-266 P |
| | 8411120350* | 50-266 P |
| | 8411120350* | 50-266 P |
| | 8411120351 | 50-266 Q |
| | 8411120354* | 50-266 P |
| | 8411120354* | 50-266 P |
| | 8411120358* | 50-266 P |
| | 8411120358* | 50-266 P |
| | 8411120364* | 50-266 P |
| | 8411120364* | 50-266 P |
| | 8411120368* | 50-266 P |
| | 8411120372* | 50-266 P |
| | 8411120376* | 50-266 P |
| | 8411120376* | 50-266 P |
| | 8411120379* | 50-266 P |
| | 8411120379* | 50-266 P |
| | 8411120381* | 50-266 P |
| | 8411120385* | 50-266 P |
| | 8411120390* | 50-266 P |
| | 8411120390* | 50-266 P |
| | 8411120393* | 50-266 P |
| | 8411120394* | 50-266 P |
| | 8411120394* | 50-266 P |
| | 8411120397* | 50-266 P |
| | 8411120397* | 50-266 P |
| | 8411130191 | 50-301 S |
| | 8411130351* | 50-266 Q |
| | 8411190415 | 50-266 F |
| | 8411190507* | 50-266 Q |
| | 8411190560 | 50-266 P |
| | 8411190560 | 50-266 P |
| | 8411190572* | 50-266 P |
| | 8411190572* | 50-266 P |
| | 8411210023 | 50-266 P |

| AUTHOR AFFILIATION | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------------------------|---------------------|---------------------|
| | 8411210168 | 50-301 P |
| | 8411210323 | 50-266 R |
| | 8411210366 | 50-301 S |
| | 8411260518 | 50-301 S |
| Wisconsin Industrial Testing, Inc. | 8411160385 | 71-262 |
| Wisconsin Public Service Corp. | 8411020091 | 50-305 P |
| | 8411070077 | 50-305 P |
| | 8411120217* | 50-305 Q |
| | 8411130165 | 50-305 S |
| | 8411130441 | 50-305 S |
| | 8411160021 | 50-305 S |
| | 8411190334 | 50-305 R |
| | 8411200345 | 50-305 V |
| | 8411200346* | 50-305 V |
| | 8411200347* | 50-305 V |
| | 8411210141 | 50-305 P |
| Wyle Laboratories | 8411280554 | 50-305 S |
| | 8411140126* | 50-324 P |
| Wyoming Fuel Co. | 8411200395* | 50-280 F |
| | 8411190607 | 40-8829 |
| Wyoming, State of | 8411070197* | 40-8348 |
| | 8411160645 | 40-2259 |
| | 8411190375 | 40-6622 |
| X-Ray Industries, Inc. | 8411160138 | 71-9032 |
| Yakima Indian Nation | 8411290611 | WASTE MGT |
| Yankee Atomic Electric Co. | 8411060295 | 50-29 P |
| | 8411060576 | 50-29 S |
| | 8411130174 | 50-29 S |
| | 8411140389 | 50-29 F |
| | 8411140592 | 50-29 R |
| | 8411190118 | 50-29 S |
| | 8411190475 | 50-271 F |
| | 8411210485 | 50-29 S |
| | 8411260288 | 50-29 P |
| | 8411260373 | 50-29 P |
| | 8411290460 | 50-29 S |
| Zebulon, NC | 8411200299 | 50-400 Q |

REPORT NUMBER INDEX

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

An asterisk following the accession number in this index indicates that the document is an enclosure to another document. To obtain the accession number of the principal document under which the enclosure is listed, refer to the index entitled "Cross Reference of Enclosures to Principal Documents."

| REPORT NUMBER | ACCESSION NUMBER | SUBJECT CATEGORY | OTHER REPORT NUMBER | REPORT NUMBER | ACCESSION NUMBER | SUBJECT CATEGORY | OTHER REPORT NUMBER |
|----------------------|---------------------|---------------------|------------------------|----------------------|---------------------|---------------------|------------------------|
| 01-0310-1315 | 8411260421* | 50-204 P | | NUREQ-0857 S06 | 8411210379 | 50-528 E | |
| 02-1290-1242 V02 R00 | 8411060536* | 50-412 A | | NUREQ-0876 S05 | 8411200507 | 50-454 E | |
| 04705 | 8411080577* | 27-48 | | NUREQ-0934 | 8411210148 | 50-416 P | |
| 15737-2-007-104 R01 | 8411080181* | 50-320 P | | NUREQ-0940 V03 N03 | 8411160087 | NUREG | |
| 15737-2-007-105 R00 | 8411080318* | 50-320 P | | NUREQ-0944 S01 | 8411080517 | 50-244 E | |
| 15737-2-N09-001 R00 | 8411140446* | 50-320 P | 0091Y | NUREQ-0989 S01 | 8411200024 | 50-458 E | |
| 58666 | 8411200393* | 50-280 F | | NUREQ-0991 S02 | 8411090445 | 50-352 E | |
| 58883 | 8411140126* | 50-324 P | | NUREQ-0991 S03 | 8411210188 | 50-352 E | |
| 84-949 | 8411260120* | 50-309 F | | NUREQ-1048 | 8411210181 | 50-354 E | |
| 8411280550 | 8411280550 | RES | | NUREQ-1058 R01 | 8411200386 | 50-483 P | |
| BAW-10104A R04 | 8411070151* | TOPREP | | NUREQ-1087 DRFT | 8411210118 | 50-424 D | |
| BAW-1847 | 8411080210* | TOPREP | 77-1153295-00 | NUREQ-1088 | 8411130680 | 50-352 P | |
| BNL-NUREG-24297 | 8411080206* | WASTE RES | | NUREQ-1093 | 8411090520 | NUREG | |
| C-399 | 8411050393* | 50-266 P | | NUREQ-1097 | 8411160595 | 50-454 P | |
| CEN 266(S)-NP R01 | 8411190441* | 50-361 P | | NUREQ-1102 | 8411290164 | 50-275 P | |
| CEN-176(S)-NP R03 | 8411190455* | 50-361 P | | NUREG/CP-0055 | 8411160139 | NUREG | |
| CEN-26(V)-NP ERR R1 | 8411160358* | 50-328 A | | NUREG/CP-0056 | 8411210170 | NUREG | SAND84-1514 |
| CEN-269(S)-NP R02 | 8411190449* | 50-361 P | | NUREG/CR-2000 V03 N9 | 8411070344 | NUREG | ORNL/NSIC-200 |
| CEN-281(S)-NP R01 | 8411190460* | 50-361 P | | NUREG/CR-2267 | 8411130669 | NUREG | WINCO-1003 |
| CEN-283(S)-NP V02 | 8411120289* | 50-361 P | | NUREG/CR-3094 | 8411130636 | 50-280 P | PNL-5093 |
| CEN-283(S)-NP V03 | 8411120305* | 50-361 P | | NUREG/CR-3429 | 8411280136 | NUREG | PNL-5094 |
| CEN-288(A)-NP | 8411140376* | 50-368 P | | NUREG/CR-3438 | 8411290130 | NUREG | SAND83-1692 |
| DC-1 R02 | 8411070061* | 50-445 A | | NUREG/CR-3457 | 8411080461 | NUREG | PNL-5092 |
| DC-2 R02 | 8411070065* | 50-445 A | | NUREG/CR-3471 | 8411270043 | NUREG | ORNL/TM-8906 |
| DC-3 R02 | 8411070072* | 50-445 A | | NUREG/CR-3481 V01 | 8411290173 | NUREG | ORNL/TM-9308/V1 |
| DC-5 R02 | 8411070078* | 50-445 A | 83090 | NUREG/CR-3589 V03/4 | 8411130682 | NUREG | SAND83-2425 |
| DOE/NE-0025/2 DRFT | 8411090482* | WASTE MGT | | NUREG/CR-3597 | 8411130737 | NUREG | SAND84-0938 |
| DRF 137-0010 R01 | 8411160343* | 50-293 P | MAR 84-43 | NUREG/CR-3675 | 8411290576 | NUREG | SAND81-1726 |
| FAAA-84-10-30 | 8411290233* | 50-206 S | | NUREG/CR-3685 | 8411130735 | NUREG | SAND84-0367 |
| FAB-4R | 8411060474* | 50-445 A | | NUREG/CR-3689 V04 | 8411140028 | NUREG | ANL-83-85 |
| FEB-4R | 8411060465* | 50-445 A | | NUREG/CR-3691 | 8411290131 | NUREG | SAND84-0422 |
| FFB-3R | 8411060469* | 50-445 A | | NUREG/CR-3715 | 8411290160 | NUREG | ORNL/TM-9135 |
| FIS-4R | 8411060420* | 50-445 A | | NUREG/CR-3719 | 8411290061 | NUREG | SAND83-2624 |
| FRB-7R | 8411060484* | 50-445 A | | NUREG/CR-3721 V02 | 8411130663 | NUREG | SAND83-2621 |
| FRB-8R | 8411060477* | 50-445 A | | NUREG/CR-3737 | 8411260129 | NUREG | PNL-5102 |
| FSB-5R | 8411060415* | 50-445 A | | NUREG/CR-3765 | 8410120010 | NUREG | BNL-NUREG-51766 |
| ID/TB2-B | 8411150012* | 50-254 P | | NUREG/CR-3779 V01 | 8411160085 | NUREG | SAND84-0160 |
| NEDO-12725A R01 | 8411160293* | 50-73 P | BONED026 | NUREG/CR-3779 V02 | 8411160083 | NUREG | SAND83-2579 |
| NEDO-20999 | 8411290316* | 50-293 P | | NUREG/CR-3804 V02 | 8411130562 | NUREG | ANL-84-35 |
| NEDO-20999 S01 | 8411290380* | 50-293 P | | NUREG/CR-3808 | 8411130674 | NUREG | SAND84-7135 |
| NEDO-30641A R01 | 8411290184* | 50-293 F | | NUREG/CR-3811 | 8411130582 | NUREG | BNL-NUREG-51773 |
| NEDO-30730 | 8411160182* | 50-293 F | DRF 831-00106 | NUREG/CR-3814 | 8411280229 | NUREG | ORNL/TM-9166 |
| NRBP-R36 | 8411190431* | FOIA | NRBP-R36 | NUREG/CR-3820 V02 | 8411140102 | NUREG | SAND84-1025/2 |
| NUREG-0020 V08 N09 | 8411200011 | NUREG | | NUREG/CR-3841 | 8411130643 | NUREG | PNL-4712 |
| NUREG-0040 V08 N03 | 8411080493 | NUREG | | NUREG/CR-3850 | 8411130622 | NUREG | BNL-NUREG-51788 |
| NUREG-0090 V07 N02 | 8411210153 | NUREG | | NUREG/CR-3853 | 8411210175 | NUREG | ORNL-6093 |
| NUREG-0540 V06 N08 | 8411080549 | NUREG | | NUREG/CR-3855 | 8411130571 | NUREG | SAND84-7139 |
| NUREG-0683 S01 | 8411010080 | 50-320 P | | NUREG/CR-3857 | 8411130553 | NUREG | ANL-84-44 |
| NUREG-0748 V04 N09 | 8411200447 | NUREG | | NUREG/CR-3885 V01 | 8411130696 | NUREG | ORNL/TM-9267/V1 |
| NUREG-0750 V19 N06 | 8411080545 | NUREG | | NUREG/CR-3886 | 8411290586 | NUREG | ORNL/TM-4265 |
| NUREG-0800 18.0 R1 | 8411070294 | NUREG | | NUREG/CR-3909 | 8411140096 | NUREG | BNL-NUREG-51805 |
| NUREG-0800 18.1 R0 | 8411070296 | NUREG | | NUREG/CR-3920 | 8411290068 | NUREG | SAND84-1246 |
| NUREG-0830 S04 | 8411070331 | 50-483 E | | NUREG/CR-3928 | 8411140035 | NUREG | EGG-2333 |
| NUREG-0831 S07 | 8411210112 | 50-416 E | | NUREG/CR-3938 | 8411130557 | NUREG | EGG-2336 |
| NUREG-0837 V04 N01 | 8411260458 | NUREG | | NUREG/CR-3941 V01 | 8411060506 | NUREG | AAEC/C40 |

REPORT NUMBER INDEX

| REPORT NUMBER | ACCESSION NUMBER | SUBJECT CATEGORY | OTHER REPORT NUMBER |
|-------------------|---------------------|---------------------|------------------------|
| NUREG/CR-3942 | 8411130732 | NUREG | EGG-2337 |
| NUREG/CR-3971 | 8411160028 | NUREG | ANL/EES-TM-265 |
| NUREG/CR-3973 | 8411130734 | NUREG | EGG-2339 |
| NUREG/CR-3980 V01 | 8411130652 | NUREG | ANL-84-61 |
| NUREG/CR-3993 | 8411130577 | NUREG | BNL-NUREG-51820 |
| NUREG/CR-3996 | 8411140107 | NUREG | UCID-20067 |
| NUREG/CR-3998 V01 | 8411140111 | NUREG | ANL-84-60 V01 |
| NUREG/CR-4012 | 8411080457 | NUREG | ANL-AA-30 |
| NUREG/CR-4028 | 8411280518 | NUREG | ANL-84-67 |
| ORNL/TM-9405 DRFT | 8411160596* | 40-2259 | 01531 |
| PTN 80/5 | 8411190414* | FOIA | |
| QTR 82-002 RB | 8411200393* | 50-280 F | |
| RHO-BW-CR-131 P | 8411080129* | WASTE RES | |
| RHO-BW-SA-297 P | 8411080489* | WASTE RES | |
| RHO-BW-SA-299 P | 8411080477* | WASTE RES | |
| RHO-BW-SA-323AP | 8411080493* | WASTE RES | |
| SCE-1-A A07 R11 | 8411140384* | 50-206 P | |
| SECY-83-383 | 8411260123 | 50-289 G | |
| SECY-84-0768 | 8411030331 | SECY | |
| SECY-84-086 | 8411290249* | FOIA | |
| SECY-84-355 | 8409200472 | SECY | |
| SECY-84-364 | 8409270738 | SECY | |
| TER-C5257-5/6/176 | 8112280441* | 50-259 P TAC 08715 | |
| TER-C5506-107 | 8409210151* | 50-255 P TAC 8148 | |
| TER-C5506-130 | 8411280525* | 50-247 G TAC 46639 | |
| TER-C5506-233 | 8410120129* | 50-277 G | |
| TER-C5506-252 | 8410030608* | 50-309 G TAC 42893 | |
| TER-C5506-348 | 8410090384* | 50-346 P TAC 10993 | |
| TER-C5506-528 | 8409210112* | 50-389 P TAC 54463 | |
| TER-C5506-531 | 8411200358* | 50-244 P TAC 54762 | |
| TP-7 R03 | 8411070051* | 50-443 A | |
| TR-83090-01 R00 | 8411070054* | 50-443 A | |
| TR-83090-03 R00 | 8411080091* | 50-443 A | |
| TR-84042-01 ERR | 8411270337* | 50-443 A | |
| TRC 407 | 8411190424* | FOIA | |
| TVA-TR75-1A R08 | 8411160177* | 50-259 P | |
| UCB-NE-4038 | 8411080500* | WASTE RES | LSL-16795 |
| UCID-19926 | 8411080487* | WASTE RES | |
| UCRL-89404 R01 | 8411080054* | WASTE RES | |
| VEP-NDS-12 | 8411010242 | 50-280 P | |
| WCAP-10300 | 8411050409* | 50-286 P | |
| WCAP-10637 | 8411200379* | 50-255 P | |
| WCAP-10640 | 8411010245* | 50-282 P | |
| WCAP-10666 | 8411120374* | 50-400 A | |
| WCAP-8370 R10A | 8411070154* | TOPREP | WCAP 7800 |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

Items listed as enclosures are those indicated by an asterisk following the accession number in the indexes. The second column gives the accession number of the principal document under which the enclosure is listed. Knowing the accession number of the principal document, the date issued, and the category enables locating the title listing of the enclosure.

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

| ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 7904090167 | 8411190096 | 84/01/24 | FOIA |
| 7904090170 | 8411190096 | 84/01/24 | FOIA |
| 7905070479 | 8411190096 | 84/01/24 | FOIA |
| 7905140460 | 8411190096 | 84/01/24 | FOIA |
| 7905150020 | 8411190096 | 84/01/24 | FOIA |
| 7905310178 | 8411190096 | 84/01/24 | FOIA |
| 7908270019 | 8411190096 | 84/01/24 | FOIA |
| 7910100383 | 8411190096 | 84/01/24 | FOIA |
| 7911200152 | 8411190096 | 84/01/24 | FOIA |
| 7912110507 | 8411190096 | 84/01/24 | FOIA |
| 8001250421 | 8411190096 | 84/01/24 | FOIA |
| 8001300311 | 8411190096 | 84/01/24 | FOIA |
| 8003070198 | 8411190096 | 84/01/24 | FOIA |
| 8003260475 | 8411190096 | 84/01/24 | FOIA |
| 8004230323 | 8411190096 | 84/01/24 | FOIA |
| 81012170049 | 8411030596 | 84/10/19 | STATE PROG |
| 8102190620 | 8411190096 | 84/01/24 | FOIA |
| 8102190622 | 8411190096 | 84/01/24 | FOIA |
| 8102260274 | 8411190096 | 84/01/24 | FOIA |
| 8102260780 | 8411190096 | 84/01/24 | FOIA |
| 8103170759 | 8411190096 | 84/01/24 | FOIA |
| 8103170763 | 8411190096 | 84/01/24 | FOIA |
| 8103190703 | 8411190096 | 84/01/24 | FOIA |
| 8103230425 | 8411190096 | 84/01/24 | FOIA |
| 8103230435 | 8411190096 | 84/01/24 | FOIA |
| 8104280227 | 8411190096 | 84/01/24 | FOIA |
| 8112280441 | 8411080523 | 84/10/24 | 50-259 P |
| 8208030640 | 8411190096 | 84/01/24 | FOIA |
| 8306020266 | 8411290185 | 84/03/24 | FOIA |
| 8307140078 | 8411290546 | 84/03/04 | FOIA |
| 8307140084 | 8411290546 | 84/03/04 | FOIA |
| 8401300162 | 8411290263 | 84/06/01 | 50-344 P |
| 8401300164 | 8411290263 | 84/06/01 | 50-308 A |
| 8402030178 | 8404130388 | 84/03/30 | REVIEW GRP |
| 8402150358 | 8411290263 | 84/06/01 | 50-344 P |
| 8402290448 | 8411290263 | 84/06/01 | 50-344 P |
| 8404110110 | 8404130388 | 84/03/30 | REVIEW GRP |
| 8404110117 | 8404130388 | 84/03/30 | REVIEW GRP |
| 8404110121 | 8404130388 | 84/03/30 | REVIEW GRP |
| 8404110125 | 8404130388 | 84/03/30 | REVIEW GRP |
| 8404110127 | 8404130388 | 84/03/30 | REVIEW GRP |
| 8404110136 | 8404130388 | 84/03/30 | REVIEW GRP |
| 8406180072 | 8406180030 | 84/03/20 | FOIA |
| 8409210112 | 8411140463 | 84/10/16 | 50-389 P |
| 8409210151 | 8411160327 | 84/11/09 | 50-255 P |
| 8409260607 | 8411030153 | 84/10/16 | 50-352 F |
| 8410030608 | 8411140289 | 84/10/22 | 50-309 G |
| 8410090384 | 8411130283 | 84/10/29 | 50-346 P |
| 8410100781 | 8410100779 | 84/08/31 | 40-2259 |
| 8410100784 | 8410100779 | 84/08/31 | 40-2259 |

| ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8410120098 | 8411060021 | 84/10/25 | NUREG |
| 8410120129 | 8411210008 | 84/10/30 | 50-277 G |
| 8410120139 | 8411210008 | 84/10/30 | 50-277 G |
| 8410150442 | 8410150430 | 84/09/17 | 50-324 G |
| 8410290160 | 8410290154 | 84/10/24 | 50-206 P |
| 8410290168 | 8410290154 | 84/10/24 | 50-206 P |
| 8410310314 | 8411030343 | 84/10/25 | 50-374 P |
| 8410310337 | 8411010257 | 84/10/16 | 50-250 P |
| 8410310388 | 8411280279 | 84/11/15 | 50-423 A |
| 8411010006 | 8411010004 | 84/10/04 | 50-352 G |
| 8411010020 | 8411010018 | 84/10/09 | 50-286 G |
| 8411010024 | 8411010018 | 84/10/09 | 50-286 G |
| 8411010025 | 8411010023 | 84/10/01 | GA999 |
| 8411010026 | 8411010021 | 84/10/15 | 50-327 P |
| 8411010029 | 8411010021 | 84/10/15 | 50-327 P |
| 8411010030 | 8411010023 | 84/10/01 | GA999 |
| 8411010042 | 8411010035 | 84/10/24 | 50-369 P |
| 8411010050 | 8411010046 | 84/10/05 | 50-352 G |
| 8411010060 | 8411010056 | 84/09/19 | 50-295 G |
| 8411010064 | 8411010056 | 84/09/19 | 50-295 G |
| 8411010065 | 8411010058 | 84/10/12 | 50-352 F |
| 8411010083 | 8411010072 | 84/10/11 | 50-247 P |
| 8411010101 | 8411010095 | 84/10/10 | 50-331 P |
| 8411010114 | 8411010108 | 84/10/03 | 50-416 F |
| 8411010135 | 8411010125 | 84/10/10 | 50-259 P |
| 8411010135 | 8411010125 | 84/10/10 | 50-259 P |
| 8411010136 | 8411010129 | 84/10/10 | 50-259 P |
| 8411010148 | 8411010127 | 84/10/24 | 50-461 F |
| 8411010152 | 8411010116 | 84/09/25 | 50-413 F |
| 8411010161 | 8411010156 | 84/10/12 | 50-352 F |
| 8411010165 | 8411010157 | 84/10/22 | 50-277 P |
| 8411010171 | 8411010167 | 84/10/10 | 50-410 G |
| 8411010175 | 8411010167 | 84/10/10 | 50-410 G |
| 8411010179 | 8411010170 | 84/10/23 | 70-1257 |
| 8411010189 | 8411010170 | 84/10/23 | 70-1257 |
| 8411010190 | 8411010184 | 84/10/09 | 50-245 G |
| 8411010195 | 8411010191 | 84/08/17 | CONTRACT |
| 8411010209 | 8411010201 | 84/10/15 | 50-395 P |
| 8411010222 | 8411010201 | 84/10/15 | 50-395 P |
| 8411010224 | 8411010211 | 84/10/09 | 50-293 P |
| 8411010229 | 8411010221 | 84/10/23 | 71-168 |
| 8411010236 | 8411010211 | 84/10/09 | 50-293 P |
| 8411010245 | 8411010239 | 84/10/24 | 50-282 P |
| 8411010251 | 8411010239 | 84/10/24 | 50-282 P |
| 8411010263 | 8411010258 | 84/10/29 | 50-275 G |
| 8411010269 | 8411010262 | 84/10/29 | 50-413 P |
| 8411010274 | 8411010270 | 84/09/14 | 50-277 F |
| 8411010277 | 8411010271 | 84/10/23 | 71-5797 |
| 8411010280 | 8411010272 | 84/10/12 | 71-13 |
| 8411010288 | 8411010281 | 84/10/22 | 71-157 |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER | | | | | ACCESSION NUMBER | | | | |
|------------------|--------------------|-------------|------------------|---|------------------|--------------------|-------------|------------------|---|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | | ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | |
| 8411010295 | 8411010279 | 84/10/10 | 50-315 | Q | 8411020327 | 8411020324 | 84/10/25 | 71-5341 | |
| 8411010296 | 8411010287 | 84/10/11 | 50-271 | F | 8411020335 | 8411020333 | 84/10/24 | 71-5910 | |
| 8411010298 | 8411010293 | 84/10/30 | 50-29 | P | 8411020357 | 8411020355 | 84/10/15 | 71-9860 | |
| 8411010300 | 8411010291 | 84/10/11 | 50-259 | P | 8411020362 | 8411020359 | 84/10/15 | 50-352 | F |
| 8411010301 | 8411010297 | 84/10/03 | CONTRACT | | 8411020364 | 8411020359 | 84/10/15 | 50-352 | F |
| 8411010322 | 8411010176 | 84/10/11 | 50-352 | F | 8411020367 | 8411020366 | 84/09/11 | 50-285 | Q |
| 8411010328 | 8411010321 | 84/10/11 | 50-333 | P | 8411020378 | 8411020375 | 84/09/18 | 50-445 | Q |
| 8411010332 | 8411010321 | 84/10/11 | 50-333 | P | 8411020534 | 8411020528 | 84/11/01 | 50-445 | Q |
| 8411010338 | 8411010334 | 84/10/29 | 50-293 | F | 8411020543 | 8411020539 | 84/11/01 | 50-275 | Q |
| 8411010361 | 8411010354 | 84/10/24 | 50-219 | P | 8411020545 | 8411020533 | 84/10/31 | 50-289 | Q |
| 8411010381 | 8411010373 | 84/10/26 | 50-289 | Q | 8411020547 | 8411020539 | 84/11/01 | 50-275 | Q |
| 8411010389 | 8411010373 | 84/10/26 | 50-289 | Q | 8411020550 | 8411020539 | 84/11/01 | 50-275 | Q |
| 8411010393 | 8411010385 | 84/09/24 | 50-361 | P | 8411030022 | 8411280437 | 84/11/14 | 50-461 | A |
| 8411010407 | 8411010385 | 84/09/24 | 50-361 | P | 8411030052 | 8411030044 | 84/10/15 | 50-352 | F |
| 8411010420 | 8411010408 | 84/10/19 | 50-498 | A | 8411030057 | 8411030044 | 84/10/15 | 50-352 | F |
| 8411010444 | 8411010440 | 84/08/29 | 50-272 | S | 8411030070 | 8411030063 | 84/10/12 | 50-352 | F |
| 8411010448 | 8411010446 | 84/10/23 | 71-5874 | | 8411030076 | 8411030071 | 84/09/28 | 50-482 | Q |
| 8411010476 | 8411010472 | 84/10/11 | 50-333 | P | 8411030084 | 8411030071 | 84/09/28 | 50-482 | Q |
| 8411010486 | 8404130388 | 84/03/30 | REVIEW GRP | | 8411030105 | 8411030093 | 84/10/03 | 50-352 | Q |
| 8411010500 | 8404130388 | 84/03/30 | REVIEW GRP | | 8411030122 | 8411030113 | 84/10/02 | 50-29 | Q |
| 8411010506 | 8411010502 | 84/10/15 | 50-352 | F | 8411030193 | 8411030187 | 84/10/12 | 50-277 | Q |
| 8411010508 | 8411010502 | 84/10/15 | 50-352 | F | 8411030200 | 8411030187 | 84/10/12 | 50-277 | Q |
| 8411010509 | 8411010505 | 84/10/15 | 50-352 | F | 8411030216 | 8411030208 | 84/10/15 | 50-344 | Q |
| 8411010512 | 8411010505 | 84/10/15 | 50-352 | F | 8411030221 | 8411030218 | 84/10/10 | 50-440 | Q |
| 8411010513 | 8411010472 | 84/10/11 | 50-333 | P | 8411030229 | 8411030218 | 84/10/10 | 50-440 | Q |
| 8411010518 | 8411010498 | 84/10/15 | 50-317 | R | 8411030252 | 8411030247 | 84/10/25 | 71-9853 | |
| 8411010519 | 8411010516 | 84/10/15 | 50-352 | F | 8411030309 | 8411030298 | 84/10/18 | 50-245 | Q |
| 8411010520 | 8411010498 | 84/10/15 | 50-317 | R | 8411030332 | 8411030324 | 84/09/06 | 50-482 | Q |
| 8411010521 | 8411010498 | 84/10/15 | 50-317 | R | 8411030336 | 8411030330 | 84/10/16 | MISC | |
| 8411010523 | 8411010498 | 84/10/15 | 50-317 | R | 8411030346 | 8411030334 | 84/10/16 | 50-275 | Q |
| 8411010525 | 8411010498 | 84/10/15 | 50-317 | R | 8411030363 | 8411030355 | 84/10/16 | 50-312 | Q |
| 8411010545 | 8411010540 | 84/10/15 | 50-3 | F | 8411030373 | 8411030361 | 84/10/12 | 50-482 | Q |
| 8411010554 | 8411010453 | 84/08/23 | 50-259 | S | 8411030375 | 8411030355 | 84/10/16 | 50-312 | Q |
| 8411010559 | 8411010557 | 84/10/12 | 50-352 | F | 8411030440 | 8411030428 | 84/10/11 | 50-322 | Q |
| 8411010561 | 8411010557 | 84/10/12 | 50-352 | F | 8411030474 | 8411030467 | 84/06/26 | WASTE MGT | |
| 8411010573 | 8411010538 | 84/09/28 | 50-275 | F | 8411030483 | 8411030467 | 84/06/26 | WASTE MGT | |
| 8411010588 | 8411010584 | 84/10/25 | 50-313 | Q | 8411030489 | 8411030467 | 84/06/26 | WASTE MGT | |
| 8411010598 | 8411010593 | 84/10/24 | 70-113 | | 8411030495 | 8411030467 | 84/06/26 | WASTE MGT | |
| 8411010612 | 8411010602 | 84/10/22 | 50-289 | P | 8411030501 | 8411030467 | 84/06/26 | WASTE MGT | |
| 8411010617 | 8411010602 | 84/10/22 | 50-289 | P | 8411030507 | 8411030467 | 84/06/26 | WASTE MGT | |
| 8411010618 | 8411010611 | 84/10/24 | 71-6357 | | 8411030513 | 8411030467 | 84/06/26 | WASTE MGT | |
| 8411010623 | 8411010602 | 84/10/22 | 50-289 | P | 8411030538 | 8411030533 | 84/08/27 | 50-321 | S |
| 8411010630 | 8411010627 | 84/10/24 | 71-6294 | | 8411030599 | 8411030595 | 84/10/15 | 50-352 | F |
| 8411010633 | 8411010647 | 84/10/25 | 71-522 | | 8411030695 | 8411030690 | 83/08/19 | WASTE RES | |
| 8411010654 | 8411010648 | 84/10/31 | 50-498 | Q | 8411030800 | 8411030797 | 82/11/05 | WASTE RES | |
| 8411010659 | 8411010515 | 84/10/12 | 50-352 | F | 8411030810 | 8411030808 | 82/10/15 | WASTE RES | |
| 8411010672 | 8411010591 | 84/10/12 | 50-352 | F | 8411050052 | 8411050048 | 84/10/12 | 50-352 | F |
| 8411010674 | 8411010591 | 84/10/12 | 50-352 | F | 8411050057 | 8411050048 | 84/10/12 | 50-352 | F |
| 8411020011 | 8411020005 | 84/10/25 | 71-6172 | | 8411050066 | 8411050063 | 84/10/26 | 50-133 | P |
| 8411020077 | 8411020074 | 84/10/31 | 50-445 | Q | 8411050077 | 8411050074 | 84/10/19 | 50-458 | Q |
| 8411020081 | 8411020074 | 84/10/31 | 50-445 | Q | 8411050085 | 8411050080 | 83/02/28 | WASTE RES | |
| 8411020084 | 8411020074 | 84/10/31 | 50-445 | Q | 8411050093 | 8411050086 | 83/03/10 | WASTE RES | |
| 8411020090 | 8411020079 | 84/09/30 | CONTRACT | | 8411050105 | 8411050101 | 83/10/18 | WASTE RES | |
| 8411020104 | 8411020100 | 84/10/25 | 71-5149 | | 8411050111 | 8411050107 | 84/10/01 | 50-346 | S |
| 8411020105 | 8411020102 | 84/10/24 | 50-387 | P | 8411050132 | 8411050124 | 84/08/23 | MISC | |
| 8411020112 | 8411020102 | 84/10/24 | 50-387 | P | 8411050154 | 8411050135 | 84/10/23 | 50-289 | P |
| 8411020113 | 8411020110 | 84/10/12 | 50-352 | F | 8411050161 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020116 | 8411020110 | 84/10/12 | 50-352 | F | 8411050162 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020118 | 8411020106 | 84/10/12 | 50-296 | Q | 8411050168 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020135 | 8411020130 | 84/10/24 | 50-271 | Q | 8411050179 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020146 | 8411020130 | 84/10/24 | 50-271 | Q | 8411050186 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020147 | 8411020143 | 84/10/25 | 50-220 | Q | 8411050195 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020169 | 8411020164 | 84/10/26 | 50-395 | F | 8411050198 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020183 | 8411020175 | 84/10/08 | 50-282 | F | 8411050202 | 8408070081 | 84/07/26 | REVIEW GRP | |
| 8411020202 | 8411020192 | 84/10/29 | 50-244 | Q | 8411050203 | 8411050199 | 84/10/29 | 50-247 | P |
| 8411020229 | 8411020225 | 84/10/19 | 50-312 | P | 8411050204 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020230 | 8411020227 | 84/10/16 | CONTRACT | | 8411050205 | 8411050199 | 84/10/29 | 50-247 | P |
| 8411020247 | 8411020242 | 84/10/24 | 50-247 | Q | 8411050208 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020251 | 8411020243 | 84/10/31 | 50-528 | F | 8411050209 | 8411050201 | 84/10/26 | 50-445 | A |
| 8411020260 | 8411020254 | 84/10/12 | 50-352 | Q | 8411050212 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020274 | 8411020269 | 84/10/29 | 50-528 | A | 8411050218 | 8408070081 | 84/06/12 | REVIEW GRP | |
| 8411020280 | 8411020277 | 84/10/31 | 50-382 | F | 8411050221 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020287 | 8411020283 | 84/10/31 | 50-424 | A | 8411050225 | 8411050157 | 84/10/31 | 50-424 | A |
| 8411020288 | 8411020282 | 84/10/30 | 50-528 | A | 8411050226 | 8408070081 | 84/06/12 | REVIEW GRP | |
| 8411020295 | 8411020291 | 84/10/29 | 50-458 | Q | 8411050233 | 8408070081 | 84/06/12 | REVIEW GRP | |
| 8411020306 | 8411020304 | 84/10/25 | 71-5563 | | 8411050246 | 8411050242 | 84/10/24 | 50-334 | Q |
| 8411020313 | 8411020305 | 84/10/31 | 50-352 | A | 8411050252 | 8411050243 | 84/10/24 | 50-254 | P |
| 8411020316 | 8411020305 | 84/10/31 | 50-352 | F | 8411050264 | 8411050257 | 84/10/31 | 50-326 | F |
| 8411020319 | 8411020305 | 84/10/31 | 50-352 | K | 8411050266 | 8411050260 | 84/10/12 | 50-315 | Q |
| 8411020320 | 8411020310 | 84/10/22 | 50-299 | P | 8411050268 | 8411050257 | 84/10/31 | 50-326 | F |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

519

| ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411050273 | 8411050260 | 84/10/12 | 50-315 Q |
| 8411050307 | 8411050304 | 84/10/19 | 50-289 V |
| 8411050310 | 8411050499 | 84/10/30 | 50-320 P |
| 8411050326 | 8411050319 | 84/10/26 | 50-272 F |
| 8411050360 | 8411050349 | 84/10/26 | 50-266 F |
| 8411050361 | 8411050351 | 84/10/31 | 50-284 P |
| 8411050367 | 8411050351 | 84/10/31 | 50-284 P |
| 8411050374 | 8411050370 | 84/11/01 | 50-284 P |
| 8411050375 | 8411050363 | 84/10/31 | 50-349 P |
| 8411050376 | 8411050358 | 84/10/11 | MISC |
| 8411050377 | 8411050370 | 84/11/01 | 50-284 P |
| 8411050378 | 8411050371 | 82/10/19 | WASTE RES |
| 8411050384 | 8411050381 | 84/11/01 | PR |
| 8411050387 | 8411050380 | 84/10/12 | 50-352 F |
| 8411050391 | 8411050380 | 84/10/12 | 50-352 F |
| 8411050393 | 8411050392 | 84/11/01 | 50-266 P |
| 8411050400 | 8411050397 | 84/10/30 | 50-320 P |
| 8411050406 | 8411050404 | 84/10/31 | 50-387 P |
| 8411050407 | 8411050404 | 84/10/31 | 50-387 P |
| 8411050409 | 8411050408 | 84/10/26 | 50-286 P |
| 8411050415 | 8411050413 | 84/11/01 | 50-245 P |
| 8411050417 | 8411050414 | 84/10/30 | 50-390 A |
| 8411050421 | 8411050414 | 84/10/30 | 50-390 A |
| 8411050431 | 8411050427 | 84/11/01 | 50-289 T |
| 8411050434 | 8411050427 | 84/11/01 | 50-289 T |
| 8411050437 | 8411050427 | 84/11/01 | 50-289 T |
| 8411050440 | 8411050427 | 84/11/01 | 50-289 T |
| 8411050449 | 8411050445 | 84/10/31 | 50-275 Q |
| 8411050455 | 8411050452 | 84/10/31 | 50-286 Q |
| 8411050457 | 8411050453 | 84/11/02 | 50-206 P |
| 8411050459 | 8411050452 | 84/10/31 | 50-286 Q |
| 8411050460 | 8411050445 | 84/10/31 | 50-275 Q |
| 8411050468 | 8411050463 | 84/11/02 | 50-206 P |
| 8411050469 | 8411050464 | 84/10/30 | 70-135 |
| 8411050471 | 8411050463 | 84/11/02 | 50-206 P |
| 8411050490 | 8411050439 | 84/10/12 | 50-483 Q |
| 8411050493 | 8411050439 | 84/10/12 | 50-483 Q |
| 8411050560 | 8411050559 | 84/10/23 | CONTRACT |
| 8411060032 | 8411060027 | 84/10/12 | 50-267 P |
| 8411060036 | 8411060027 | 84/10/12 | 50-267 P |
| 8411060044 | 8411060042 | 83/03/11 | WASTE RES |
| 8411060067 | 8411060059 | 83/06/27 | WASTE RES |
| 8411060077 | 8411060074 | 83/06/09 | WASTE RES |
| 8411060082 | 8411060075 | 84/10/11 | 50-456 Q |
| 8411060095 | 8411060092 | 83/03/25 | WASTE RES |
| 8411060121 | 8411060117 | 84/11/01 | 50-289 P |
| 8411060131 | 8411060124 | 84/10/24 | 50-395 P |
| 8411060132 | 8411060123 | 84/11/02 | 50-295 Q |
| 8411060136 | 8411060124 | 84/10/24 | 50-395 P |
| 8411060139 | 8411060106 | 84/10/31 | 50-440 Q |
| 8411060144 | 8411060137 | 84/10/29 | 50-312 P |
| 8411060148 | 8411060133 | 84/07/12 | 50-298 S |
| 8411060163 | 8411060154 | 84/10/26 | 70-734 |
| 8411060176 | 8411060168 | 84/08/27 | 50-382 S |
| 8411060193 | 8411060186 | 84/10/24 | 50-395 P |
| 8411060199 | 8411060186 | 84/10/24 | 50-395 P |
| 8411060202 | 8411060200 | 84/10/11 | 50-271 S |
| 8411060225 | 8411060214 | 84/11/01 | 50-341 Q |
| 8411060241 | 8411060235 | 84/09/27 | CONTRACT |
| 8411060262 | 8411060245 | 84/10/19 | 50-269 Q |
| 8411060276 | 8411060268 | 84/10/17 | 50-155 Q |
| 8411060277 | 8411060245 | 84/10/19 | 50-269 Q |
| 8411060279 | 8411060240 | 84/10/31 | 50-150 Q |
| 8411060282 | 8411060264 | 84/10/17 | 50-250 P |
| 8411060301 | 8411060264 | 84/10/17 | 50-250 P |
| 8411060304 | 8411060286 | 84/10/16 | 50-259 P |
| 8411060309 | 8411060303 | 84/11/02 | 50-445 Q |
| 8411060313 | 8411060286 | 84/10/16 | 50-259 P |
| 8411060341 | 8411060332 | 84/11/01 | 50-456 Q |
| 8411060392 | 8411060342 | 84/10/30 | 50-10 Q |
| 8411060399 | 8411060348 | 84/11/01 | 50-289 Q |
| 8411060361 | 8411060356 | 84/09/13 | 50-313 Q |
| 8411060366 | 8411060348 | 84/11/01 | 50-289 Q |
| 8411060369 | 8411060357 | 84/11/02 | 50-346 Q |
| 8411060371 | 8411060368 | 84/11/01 | 50-289 T |
| 8411060386 | 8411060384 | 84/10/26 | 50-253 P |
| 8411060387 | 8411060387 | 84/10/30 | 50-322 T |
| 8411060398 | 8411060379 | 84/10/03 | 50-528 F |
| 8411060400 | 8411060393 | 84/11/01 | 50-445 Q |
| 8411060405 | 8411060401 | 84/11/01 | 50-352 T |

| ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411060409 | 8411060401 | 84/11/01 | 50-352 T |
| 8411060413 | 8411060401 | 84/11/01 | 50-352 T |
| 8411060415 | 8411060406 | 84/06/20 | 50-445 A |
| 8411060419 | 8411060401 | 84/11/01 | 50-352 T |
| 8411060420 | 8411060406 | 84/06/20 | 50-445 A |
| 8411060431 | 8411060427 | 84/10/31 | 50-413 P |
| 8411060445 | 8411060440 | 84/10/31 | PR |
| 8411060447 | 8411060440 | 84/10/31 | PR |
| 8411060448 | 8411060443 | 84/11/01 | 50-289 T |
| 8411060459 | 8411060435 | 84/10/22 | 50-445 A |
| 8411060465 | 8411060406 | 84/06/20 | 50-445 A |
| 8411060466 | 8411060461 | 84/11/02 | 50-344 P |
| 8411060468 | 8411060462 | 84/10/29 | 50-295 P |
| 8411060469 | 8411060406 | 84/06/20 | 50-445 A |
| 8411060471 | 8411060463 | 84/10/30 | 50-445 G |
| 8411060472 | 8411060401 | 84/11/01 | 50-352 T |
| 8411060474 | 8411060406 | 84/06/20 | 50-445 A |
| 8411060477 | 8411060406 | 84/06/20 | 50-445 A |
| 8411060479 | 8411060401 | 84/11/01 | 50-352 T |
| 8411060481 | 8411060463 | 84/10/30 | 50-445 G |
| 8411060483 | 8411060476 | 84/10/31 | 50-412 Q |
| 8411060484 | 8411060406 | 84/06/20 | 50-445 A |
| 8411060485 | 8411060401 | 84/11/01 | 50-352 T |
| 8411060490 | 8411060401 | 84/11/01 | 50-352 T |
| 8411060492 | 8411060491 | 84/11/02 | 50-400 G |
| 8411060493 | 8411060478 | 84/11/01 | 50-289 T |
| 8411060496 | 8411060491 | 84/11/02 | 50-400 G |
| 8411060498 | 8411060491 | 84/11/02 | 50-400 G |
| 8411060501 | 8411060491 | 84/11/02 | 50-400 G |
| 8411060504 | 8411060478 | 84/11/01 | 50-289 T |
| 8411060505 | 8411060497 | 84/11/01 | 50-289 T |
| 8411060511 | 8411060497 | 84/11/01 | 50-289 T |
| 8411060514 | 8411060507 | 84/10/16 | 50-528 Q |
| 8411060515 | 8411060497 | 84/11/01 | 50-289 T |
| 8411060516 | 8411060510 | 84/10/15 | 50-454 Q |
| 8411060519 | 8411060497 | 84/11/01 | 50-289 T |
| 8411060521 | 8411060478 | 84/11/01 | 50-289 T |
| 8411060522 | 8411060513 | 84/10/11 | 50-445 Q |
| 8411060525 | 8411060513 | 84/10/11 | 50-445 Q |
| 8411060534 | 8411060524 | 84/10/16 | 50-454 Q |
| 8411060535 | 8411060527 | 84/11/02 | 50-352 T |
| 8411060536 | 8411060531 | 84/11/01 | 50-412 A |
| 8411060540 | 8411060537 | 84/10/23 | 50-454 Q |
| 8411060542 | 8411060527 | 84/11/02 | 50-352 T |
| 8411060548 | 8411060545 | 84/10/16 | 50-454 Q |
| 8411060553 | 8411060545 | 84/10/16 | 50-454 Q |
| 8411060556 | 8411060555 | 84/03/01 | WASTE RES |
| 8411060585 | 8411060580 | 84/10/24 | 50-322 Q |
| 8411060587 | 8411060584 | 84/09/26 | 50-322 T |
| 8411060588 | 8411060583 | 84/03/23 | WASTE RES |
| 8411060590 | 8411060584 | 84/09/26 | 50-322 T |
| 8411060594 | 8411060584 | 84/09/26 | 50-322 T |
| 8411060596 | 8411060584 | 84/09/26 | 50-322 T |
| 8411060604 | 8411060601 | 84/11/06 | 50-445 G |
| 8411060611 | 8411060607 | 84/11/02 | 50-352 T |
| 8411060612 | 8411060609 | 84/11/05 | 50-338 G |
| 8411060614 | 8411060607 | 84/11/02 | 50-352 T |
| 8411060625 | 8411060624 | 84/11/02 | 50-352 G |
| 8411060626 | 8411060624 | 84/11/02 | 50-352 G |
| 8411060627 | 8411060624 | 84/11/02 | 50-352 G |
| 8411060628 | 8411060624 | 84/11/02 | 50-352 G |
| 8411060629 | 8411060624 | 84/11/02 | 50-352 G |
| 8411060630 | 8411060624 | 84/11/02 | 50-352 G |
| 8411060631 | 8411060624 | 84/11/02 | 50-352 G |
| 8411060632 | 8411060624 | 84/11/02 | 50-352 G |
| 8411060633 | 8411060624 | 84/11/02 | 50-352 G |
| 8411070003 | 8411070001 | 84/11/03 | 50-206 P |
| 8411070010 | 8411070008 | 84/11/02 | 50-206 F |
| 8411070012 | 8411070006 | 84/11/02 | PR |
| 8411070021 | 8411070006 | 84/11/02 | PR |
| 8411070022 | 8411070015 | 84/11/01 | 50-528 A |
| 8411070023 | 8411070016 | 84/10/31 | 50-445 G |
| 8411070024 | 8411070019 | 84/10/27 | 50-461 T |
| 8411070025 | 8411070017 | 84/11/01 | 50-322 T |
| 8411070026 | 8411070018 | 84/11/02 | 50-445 G |
| 8411070029 | 8411070017 | 84/11/01 | 50-322 T |
| 8411070030 | 8411070019 | 84/10/27 | 50-461 T |
| 8411070035 | 8411070014 | 84/11/01 | 50-498 G |
| 8411070038 | 8411070018 | 84/11/02 | 50-445 G |
| 8411070044 | 8411070033 | 84/11/05 | 50-400 T |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER | | | | ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411070046 | 8411070040 | 84/10/31 | 50-324 F | 8411070316 | 8411070291 | 84/09/28 | 40-2259 |
| 8411070051 | 8411070047 | 84/11/01 | 50-443 A | 8411070317 | 8411070315 | 84/10/29 | 71-13 |
| 8411070054 | 8411070049 | 84/10/12 | 50-445 A | 8411070321 | 8411070291 | 84/09/28 | 40-2259 |
| 8411070058 | 8411070052 | 84/10/29 | 50-87 P | 8411070323 | 8411070291 | 84/09/28 | 40-2259 |
| 8411070060 | 8411070018 | 84/11/02 | 50-445 G | 8411070329 | 8411070291 | 84/09/28 | 40-2259 |
| 8411070061 | 8411070049 | 84/10/12 | 50-445 A | 8411070332 | 8411070291 | 84/09/28 | 40-2259 |
| 8411070064 | 8411070053 | 84/11/01 | 50-206 I | 8411070339 | 8411070337 | 84/09/14 | 40-8452 |
| 8411070065 | 8411070049 | 84/10/12 | 50-445 A | 8411070345 | 8411070340 | 84/09/27 | CONTRACT |
| 8411070067 | 8411070063 | 84/11/02 | MISC | 8411070347 | 8411070346 | 84/10/25 | 50-324 P |
| 8411070068 | 8411070057 | 84/10/29 | 50-324 P | 8411070348 | 8411070346 | 84/10/25 | 50-324 P |
| 8411070069 | 8411070018 | 84/11/02 | 50-445 G | 8411070350 | 8411070349 | 84/09/28 | 40-8492 |
| 8411070072 | 8411070049 | 84/10/12 | 50-445 A | 8411080006 | 8411080004 | 84/09/25 | CONTRACT |
| 8411070074 | 8411070018 | 84/11/02 | 50-445 G | 8411080011 | 8411080009 | 84/03/14 | WASTE RES |
| 8411070078 | 8411070049 | 84/11/02 | 50-445 A | 8411080019 | 8411080015 | 84/03/14 | WASTE RES |
| 8411070082 | 8411070076 | 84/11/01 | 50-400 K | 8411080029 | 8411080022 | 84/01/23 | WASTE RES |
| 8411070084 | 8411070018 | 84/11/02 | 50-445 G | 8411080036 | 8411080034 | 83/12/13 | WASTE RES |
| 8411070087 | 8411070081 | 84/10/31 | 50-445 A | 8411080052 | 8411080049 | 84/11/05 | 50-272 G |
| 8411070094 | 8411070090 | 84/11/01 | 50-298 G | 8411080054 | 8411080047 | 83/12/30 | WASTE RES |
| 8411070099 | 8411070090 | 84/11/01 | 50-298 G | 8411080062 | 8411080058 | 84/02/29 | WASTE RES |
| 8411070103 | 8411070098 | 84/11/02 | 50-397 V | 8411080068 | 8411080058 | 84/02/29 | WASTE RES |
| 8411070109 | 8411070104 | 84/11/03 | 50-206 P | 8411080070 | 8411080065 | 84/01/10 | WASTE RES |
| 8411070116 | 8411070111 | 84/10/31 | 50-413 G | 8411080076 | 8411030735 | 83/07/01 | WASTE RES |
| 8411070117 | 8411070101 | 84/11/01 | PR | 8411080079 | 8411080074 | 84/11/05 | 50-113 G |
| 8411070119 | 8411070114 | 84/11/01 | 50-382 G | 8411080091 | 8411080084 | 84/11/06 | 50-445 A |
| 8411070121 | 8411070112 | 84/10/31 | PR | 8411080123 | 8411080109 | 84/02/27 | WASTE RES |
| 8411070122 | 8411070101 | 84/11/01 | PR | 8411080124 | 8411080117 | 84/02/16 | WASTE RES |
| 8411070124 | 8411070053 | 84/11/01 | 50-206 I | 8411080129 | 8411080125 | 83/12/29 | WASTE RES |
| 8411070128 | 8411070125 | 84/11/02 | 50-382 G | 8411080132 | 8411080117 | 84/02/16 | WASTE RES |
| 8411070130 | 8411070053 | 84/11/01 | 50-206 I | 8411080134 | 8411080120 | 83/11/16 | WASTE RES |
| 8411070133 | 8411070125 | 84/11/02 | 50-382 G | 8411080137 | 8411080128 | 84/03/28 | WASTE RES |
| 8411070137 | 8411070132 | 84/11/02 | 50-352 T | 8411080159 | 8411080148 | 84/04/27 | WASTE RES |
| 8411070139 | 8411070134 | 84/10/25 | 50-322 T | 8411080171 | 8411080128 | 84/03/28 | WASTE RES |
| 8411070141 | 8411070135 | 84/10/18 | 40-8684 | 8411080176 | 8411080168 | 84/10/01 | 40-8663 |
| 8411070142 | 8411070138 | 84/10/11 | 50-272 G | 8411080178 | 8411080170 | 84/11/02 | 50-352 F |
| 8411070147 | 8411070138 | 84/10/11 | 50-272 G | 8411080181 | 8411080146 | 84/11/02 | 50-320 P |
| 8411070151 | 8411070148 | 84/10/26 | TOPREP | 8411080198 | 8411080188 | 84/11/02 | 50-289 G |
| 8411070153 | 8411070150 | 84/11/02 | 50-454 F | 8411080206 | 8411080197 | 84/02/10 | WASTE RES |
| 8411070154 | 8411070152 | 84/09/27 | TOPREP | 8411080207 | 8411080188 | 84/11/02 | 50-289 G |
| 8411070164 | 8411070163 | 84/10/11 | 50-247 G | 8411080210 | 8411080204 | 84/11/06 | TOPREP |
| 8411070168 | 8411070164 | 84/10/30 | 50-382 G | 8411080213 | 8411080203 | 84/11/02 | 50-338 P |
| 8411070169 | 8411070164 | 84/10/30 | 50-382 G | 8411080219 | 8411080205 | 84/05/11 | WASTE RES |
| 8411070171 | 8411070164 | 84/10/30 | 50-382 G | 8411080221 | 8411080216 | 84/11/02 | 50-280 P |
| 8411070175 | 8411070164 | 84/10/30 | 50-382 G | 8411080223 | 8411080208 | 84/05/22 | WASTE RES |
| 8411070181 | 8411070164 | 84/10/30 | 50-382 G | 8411080229 | 8411080222 | 84/10/29 | 71-64 |
| 8411070182 | 8411070178 | 84/10/11 | 50-277 F | 8411080232 | 8411080225 | 84/10/22 | 50-286 F |
| 8411070187 | 8411070166 | 84/10/30 | 50-382 G | 8411080241 | 8411080238 | 84/10/29 | 71-232 |
| 8411070189 | 8411070166 | 84/10/30 | 50-382 G | 8411080249 | 8411080245 | 84/10/29 | 71-269 |
| 8411070194 | 8411070166 | 84/10/30 | 50-382 G | 8411080250 | 8411080208 | 84/05/22 | WASTE RES |
| 8411070197 | 8411070196 | 84/10/17 | 40-8348 | 8411080259 | 8411080248 | 84/07/03 | WASTE RES |
| 8411070199 | 8411070166 | 84/10/30 | 50-382 G | 8411080260 | 8411080255 | 84/10/29 | 71-86 |
| 8411070200 | 8411070166 | 84/10/30 | 50-382 G | 8411080272 | 8411080264 | 84/06/19 | WASTE RES |
| 8411070203 | 8411070166 | 84/10/30 | 50-382 G | 8411080273 | 8411080262 | 84/07/09 | WASTE RES |
| 8411070204 | 8411070166 | 84/10/30 | 50-382 G | 8411080288 | 8411080277 | 84/05/18 | WASTE RES |
| 8411070205 | 8411070166 | 84/10/30 | 50-382 G | 8411080290 | 8411080287 | 84/10/31 | 50-244 F |
| 8411070206 | 8411070166 | 84/10/30 | 50-382 G | 8411080297 | 8411080292 | 84/10/30 | 50-400 G |
| 8411070213 | 8411070212 | 84/10/15 | 50-528 G | 8411080301 | 8411080292 | 84/10/30 | 50-400 G |
| 8411070216 | 8411070115 | 84/10/31 | 50-331 F | 8411080306 | 8411080292 | 84/10/30 | 50-400 G |
| 8411070228 | 8411070225 | 84/11/05 | 50-400 G | 8411080309 | 8411080292 | 84/10/30 | 50-400 G |
| 8411070238 | 8411070234 | 84/10/29 | 50-309 S | 8411080318 | 8411080313 | 84/11/01 | 50-320 P |
| 8411070241 | 8411070240 | 84/10/12 | 50-331 G | 8411080325 | 8411080320 | 84/06/12 | WASTE RES |
| 8411070242 | 8411070237 | 84/10/02 | XPORTLIC | 8411080328 | 8411080321 | 84/10/31 | 50-438 G |
| 8411070243 | 8411070237 | 84/10/02 | XPORTLIC | 8411080333 | 8411080321 | 84/10/31 | 50-438 G |
| 8411070245 | 8411070234 | 84/10/29 | 50-309 S | 8411080340 | 8411080321 | 84/10/31 | 50-438 G |
| 8411070249 | 8411070240 | 84/10/12 | 50-331 G | 8411080343 | 8411080335 | 84/11/01 | 50-155 P |
| 8411070252 | 8411070237 | 84/10/02 | XPORTLIC | 8411080346 | 8411080321 | 84/10/31 | 50-438 G |
| 8411070254 | 8411070248 | 84/10/11 | CONTRACT | 8411080350 | 8411080321 | 84/10/31 | 50-438 G |
| 8411070259 | 8411070237 | 84/10/02 | XPORTLIC | 8411080351 | 8411080335 | 84/11/01 | 50-155 P |
| 8411070271 | 8411070268 | 84/09/28 | 40-6622 | 8411080355 | 8411080321 | 84/10/31 | 50-438 G |
| 8411070274 | 8411070268 | 84/09/28 | 40-6622 | 8411080360 | 8411080352 | 83/12/09 | WASTE RES |
| 8411070277 | 8411070268 | 84/09/28 | 40-6622 | 8411080361 | 8411080357 | 84/10/03 | 40-8829 |
| 8411070283 | 8411070268 | 84/09/28 | 40-6622 | 8411080367 | 8411080352 | 83/12/09 | WASTE RES |
| 8411070288 | 8411070268 | 84/09/28 | 40-6622 | 8411080370 | 8411080366 | 84/10/23 | CONTRACT |
| 8411070289 | 8411070265 | 84/10/18 | 50-461 G | 8411080373 | 8411080372 | 84/10/29 | 71-332 |
| 8411070293 | 8411070268 | 84/09/28 | 40-6622 | 8411080378 | 8411080352 | 83/12/09 | WASTE RES |
| 8411070295 | 8411070262 | 84/09/28 | 40-8602 | 8411080380 | 8411080371 | 84/05/09 | WASTE RES |
| 8411070304 | 8411070299 | 84/09/28 | 40-8452 | 8411080393 | 8411080371 | 84/05/09 | WASTE RES |
| 8411070305 | 8411070278 | 84/10/15 | 50-280 P | 8411080395 | 8411080389 | 84/09/29 | CONTRACT |
| 8411070310 | 8411070308 | 84/10/22 | CONTRACT | 8411080399 | 8410040521 | 84/09/25 | 50-280 G |
| 8411070313 | 8411070278 | 84/10/15 | 50-280 P | 8411080403 | 8410040521 | 84/09/25 | 50-280 G |
| 8411070314 | 8411070262 | 84/09/28 | 40-8602 | 8411080415 | 8411080412 | 84/09/27 | 40-6622 |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

521

| ACCESSION NUMBER | | | | ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411080417 | 8411080412 | 84/09/27 | 40-6622 | 8411090331 | 8411090329 | 84/11/01 | 50-293 F |
| 8411080425 | 8411080418 | 84/06/19 | WASTE RES | 8411090338 | 8411090336 | 84/11/05 | 50-352 Q |
| 8411080427 | 8411080426 | 84/10/22 | 50-324 P | 8411090339 | 8411090332 | 84/11/05 | 50-445 Q |
| 8411080432 | 8411080429 | 84/10/29 | 71-131 | 8411090342 | 8411090336 | 84/11/05 | 50-352 Q |
| 8411080435 | 8411080433 | 84/10/29 | 71-186 | 8411090343 | 8411090332 | 84/11/05 | 50-445 Q |
| 8411080459 | 8411080440 | 84/03/08 | WASTE RES | 8411090347 | 8411090332 | 84/11/05 | 50-445 Q |
| 8411080465 | 8411080451 | 84/10/15 | CONTRACT | 8411090360 | 8411090358 | 84/10/22 | 50-312 Q |
| 8411080468 | 8411080463 | 84/06/28 | WASTE RES | 8411090363 | 8411090359 | 84/10/15 | 50-199 Q |
| 8411080477 | 8411080469 | 84/01/20 | WASTE RES | 8411090365 | 8411090358 | 84/10/22 | 50-312 Q |
| 8411080482 | 8411080440 | 84/03/08 | WASTE RES | 8411090371 | 8411090320 | 84/11/02 | 50-445 Q |
| 8411080483 | 8411080474 | 84/10/29 | 71-245 | 8411090372 | 8411090320 | 84/11/02 | 50-445 Q |
| 8411080486 | 8411080481 | 84/10/10 | WASTE RES | 8411090373 | 8411090368 | 84/10/19 | 50-344 Q |
| 8411080487 | 8411080484 | 83/12/29 | WASTE RES | 8411090377 | 8411090320 | 84/11/02 | 50-445 Q |
| 8411080489 | 8411080484 | 83/12/29 | WASTE RES | 8411090380 | 8411090376 | 84/10/23 | 50-395 P |
| 8411080491 | 8411080485 | 84/10/17 | WASTE RES | 8411090381 | 8411090376 | 84/10/23 | 50-395 P |
| 8411080493 | 8411080484 | 83/12/29 | WASTE RES | 8411090387 | 8411090384 | 84/10/23 | 50-348 P |
| 8411080495 | 8411080485 | 84/10/17 | WASTE RES | 8411090389 | 8411090384 | 84/10/23 | 50-348 P |
| 8411080497 | 8411080440 | 84/03/08 | WASTE RES | 8411090397 | 8411090392 | 84/10/11 | 50-293 Q |
| 8411080500 | 8411080484 | 83/12/29 | WASTE RES | 8411090407 | 8411090402 | 84/10/16 | 50-219 Q |
| 8411080502 | 8411080498 | 84/10/25 | CONTRACT | 8411090411 | 8411090402 | 84/10/16 | 50-219 Q |
| 8411080503 | 8411080485 | 84/10/17 | WASTE RES | 8411090412 | 8411090401 | 84/10/15 | WASTE MGT |
| 8411080510 | 8411080507 | 84/09/25 | CONTRACT | 8411090422 | 8411090418 | 84/10/17 | 50-277 Q |
| 8411080514 | 8411080508 | 84/09/14 | 40-8452 | 8411090423 | 8411090419 | 84/10/26 | 50-445 A |
| 8411080522 | 8411080519 | 84/09/29 | CONTRACT | 8411090424 | 8411090419 | 84/10/26 | 50-445 A |
| 8411080526 | 8411080523 | 84/10/24 | 50-259 P | 8411090428 | 8411090419 | 84/10/26 | 50-445 A |
| 8411080539 | 8411080534 | 84/10/18 | WASTE MGT | 8411090429 | 8411090418 | 84/10/17 | 50-277 Q |
| 8411080544 | 8411080537 | 84/10/03 | 40-6659 | 8411090431 | 8411090425 | 84/05/22 | WASTE RES |
| 8411080552 | 8411080537 | 84/10/03 | 40-6659 | 8411090432 | 8411090427 | 84/10/12 | 50-280 P |
| 8411080553 | 8411080548 | 84/10/22 | CONTRACT | 8411090435 | 8411090427 | 84/10/12 | 50-280 P |
| 8411080556 | 8411080537 | 84/10/03 | 40-6659 | 8411090469 | 8411090467 | 84/10/03 | WASTE MGT |
| 8411080559 | 8411080537 | 84/10/03 | 40-6659 | 8411090482 | 8411090477 | 84/10/12 | WASTE MGT |
| 8411080565 | 8411080537 | 84/10/03 | 40-6659 | 8411090493 | 8411090487 | 84/10/24 | CONTRACT |
| 8411080577 | 8411080568 | 84/10/11 | 27-48 | 8411090497 | 8411090490 | 84/10/03 | CONTRACT |
| 8411080578 | 8411080572 | 84/10/18 | 50-206 Q | 8411090504 | 8411090499 | 84/10/11 | 50-423 Q |
| 8411080598 | 8411080595 | 84/10/12 | 50-261 P | 8411090514 | 8411090509 | 84/10/16 | 50-244 Q |
| 8411080604 | 8411080595 | 84/10/12 | 50-261 P | 8411090519 | 8411090516 | 84/10/19 | CONTRACT |
| 8411080607 | 8411080592 | 84/10/17 | 50-440 Q | 8411120003 | 8411120001 | 84/10/18 | CONTRACT |
| 8411080631 | 8411080626 | 84/10/15 | WASTE MGT | 8411120047 | 8411120043 | 84/10/17 | 50-382 Q |
| 8411080641 | 8411080637 | 84/10/10 | WASTE MGT | 8411120051 | 8411120043 | 84/10/17 | 50-382 Q |
| 8411080656 | 8411080655 | 84/10/29 | COMMISSION | 8411120070 | 8411120063 | 84/10/17 | 50-352 Q |
| 8411080658 | 8411080655 | 84/10/29 | COMMISSION | 8411120074 | 8411120068 | 84/09/26 | 50-266 P |
| 8411090010 | 8411090007 | 84/10/15 | 50-272 P | 8411120077 | 8411120072 | 84/10/29 | 50-259 R |
| 8411090047 | 8411090007 | 84/10/15 | 50-272 P | 8411120081 | 8411120073 | 84/11/01 | CONTRACT |
| 8411090052 | 8411090050 | 84/10/24 | 50-272 P | 8411120082 | 8411120076 | 84/10/10 | 50-320 Q |
| 8411090063 | 8411090058 | 84/10/25 | 50-250 P | 8411120090 | 8411120085 | 84/10/17 | 50-213 Q |
| 8411090079 | 8411090071 | 84/10/19 | CONTRACT | 8411120097 | 8411120089 | 84/10/31 | CONTRACT |
| 8411090083 | 8411090056 | 84/09/28 | 40-8084 | 8411120098 | 8411120094 | 84/10/17 | 50-272 R |
| 8411090093 | 8411090056 | 84/09/28 | 40-8084 | 8411120109 | 8411120103 | 84/10/26 | TOPREP |
| 8411090099 | 8411090056 | 84/09/28 | 40-8084 | 8411120111 | 8411120105 | 84/10/30 | 50-312 P |
| 8411090106 | 8411090056 | 84/09/28 | 40-8084 | 8411120120 | 8411120105 | 84/10/30 | 50-312 P |
| 8411090112 | 8411090056 | 84/09/28 | 40-8084 | 8411120136 | 8411120130 | 84/11/08 | 50-382 A |
| 8411090122 | 8411090115 | 84/10/23 | 50-321 F | 8411120138 | 8411120131 | 84/11/07 | 50-335 S |
| 8411090125 | 8411090119 | 84/05/04 | FR | 8411120137 | 8411120148 | 84/10/18 | 50-316 Q |
| 8411090137 | 8411090133 | 84/10/18 | 50-528 Q | 8411120171 | 8411120148 | 84/10/18 | 50-316 Q |
| 8411090140 | 8411090127 | 84/10/02 | WASTE RES | 8411120172 | 8411120164 | 84/11/06 | 50-322 Q |
| 8411090146 | 8411090133 | 84/10/18 | 50-528 Q | 8411120174 | 8411120167 | 84/11/08 | 50-244 P |
| 8411090157 | 8411090151 | 84/10/17 | 50-272 P | 8411120178 | 8411120168 | 84/11/07 | 50-341 Q |
| 8411090164 | 8411090151 | 84/10/17 | 50-272 P | 8411120182 | 8411120167 | 84/11/08 | 50-244 P |
| 8411090181 | 8411090116 | 84/10/15 | WASTE MGT | 8411120185 | 8411120181 | 84/10/18 | 50-267 Q |
| 8411090183 | 8411090177 | 84/11/07 | 50-155 F | 8411120192 | 8411120181 | 84/10/18 | 50-267 Q |
| 8411090188 | 8411090116 | 84/10/15 | WASTE MGT | 8411120200 | 8411120190 | 84/10/12 | 70-2988 |
| 8411090193 | 8411090116 | 84/10/15 | WASTE MGT | 8411120204 | 8411120196 | 84/10/17 | 50-266 Q |
| 8411090198 | 8411090194 | 84/11/07 | 50-382 S | 8411120206 | 8411120199 | 84/09/18 | WASTE MGT |
| 8411090230 | 8411090244 | 84/07/12 | WASTE RES | 8411120208 | 8411120199 | 84/09/18 | WASTE MGT |
| 8411090238 | 8411090253 | 84/11/07 | 50-244 P | 8411120212 | 8411120209 | 84/11/06 | 50-305 Q |
| 8411090274 | 8411090252 | 84/11/06 | 50-320 P | 8411120214 | 8411120199 | 84/09/18 | WASTE MGT |
| 8411090279 | 8411090270 | 84/11/07 | 50-289 Q | 8411120217 | 8411120209 | 84/11/06 | 50-305 Q |
| 8411090285 | 8411090283 | 84/10/12 | 50-454 A | 8411120220 | 8411120199 | 84/09/18 | WASTE MGT |
| 8411090286 | 8411090280 | 84/11/05 | 50-352 Q | 8411120225 | 8411120199 | 84/09/18 | WASTE MGT |
| 8411090289 | 8411090280 | 84/11/05 | 50-352 Q | 8411120228 | 8411120199 | 84/09/18 | WASTE MGT |
| 8411090293 | 8411090281 | 84/11/05 | 50-445 Q | 8411120229 | 8411120224 | 84/11/05 | 50-346 P |
| 8411090297 | 8411090295 | 84/11/02 | 50-482 Q | 8411120233 | 8411120199 | 84/09/18 | WASTE MGT |
| 8411090299 | 8411090281 | 84/11/05 | 50-445 Q | 8411120234 | 8411120224 | 84/11/05 | 50-346 P |
| 8411090303 | 8411020204 | 84/10/26 | 50-445 A | 8411120232 | 8411120248 | 84/10/17 | 50-387 Q |
| 8411090306 | 8411090301 | 84/03/17 | WASTE RES | 8411120234 | 8411120250 | 84/11/02 | 50-348 P |
| 8411090310 | 8411020204 | 84/10/26 | 50-445 A | 8411120265 | 8411120247 | 84/10/17 | 50-354 Q |
| 8411090313 | 8411020204 | 84/10/26 | 50-445 A | 8411120268 | 8411120266 | 84/08/23 | 50-278 S |
| 8411090315 | 8411090304 | 84/11/08 | 50-445 Q | 8411120271 | 8411120264 | 84/10/30 | 50-312 P |
| 8411090316 | 8411090314 | 84/11/06 | 50-413 P | 8411120272 | 8411120255 | 84/11/06 | 50-456 Q |
| 8411090319 | 8411090314 | 84/11/06 | 50-413 P | 8411120274 | 8411120270 | 84/10/25 | 50-352 F |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER | | | | ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411120279 | 8411070108 | 84/11/02 | 50-445 A | 8411130197 | 8411130190 | 84/10/23 | 50-454 G |
| 8411120284 | 8411120277 | 84/11/01 | 50-346 P | 8411130208 | 8411130201 | 84/10/18 | 50-423 G |
| 8411120287 | 8411070108 | 84/11/02 | 50-445 A | 8411130218 | 8411130213 | 84/10/18 | 50-5 G |
| 8411120289 | 8411120251 | 84/11/07 | 50-361 P | 8411130221 | 8411130214 | 84/10/09 | 71-236 |
| 8411120290 | 8411120277 | 84/11/01 | 50-346 P | 8411130228 | 8411130225 | 84/10/18 | 50-289 G |
| 8411120295 | 8411120294 | 84/11/05 | 50-266 P | 8411130235 | 8411130229 | 84/11/01 | 70-1257 |
| 8411120296 | 8411120294 | 84/11/05 | 50-266 P | 8411130236 | 8411130232 | 84/11/06 | 50-382 G |
| 8411120298 | 8411120294 | 84/11/05 | 50-266 P | 8411130241 | 8411130229 | 84/11/01 | 70-1257 |
| 8411120299 | 8411120294 | 84/11/05 | 50-266 P | 8411130242 | 8411130232 | 84/11/06 | 50-382 G |
| 8411120300 | 8411120294 | 84/11/05 | 50-266 P | 8411130245 | 8411130239 | 84/10/17 | 50-277 G |
| 8411120302 | 8411120294 | 84/11/05 | 50-266 P | 8411130266 | 8411130259 | 84/10/17 | 50-461 G |
| 8411120304 | 8411120294 | 84/11/05 | 50-266 P | 8411130274 | 8411130238 | 84/10/16 | 50-10 G |
| 8411120305 | 8411120251 | 84/11/07 | 50-361 P | 8411130279 | 8411130271 | 84/10/01 | 71-316 |
| 8411120306 | 8411120294 | 84/11/05 | 50-266 P | 8411130282 | 8411130270 | 84/11/05 | 50-329 G |
| 8411120307 | 8411120283 | 84/11/07 | 50-289 G | 8411130285 | 8411130280 | 84/10/18 | 50-309 G |
| 8411120308 | 8411120294 | 84/11/05 | 50-266 P | 8411130289 | 8411130283 | 84/10/29 | 50-346 P |
| 8411120312 | 8411120294 | 84/11/05 | 50-266 P | 8411130335 | 8411130334 | 84/10/17 | 71-5942 |
| 8411120313 | 8411120309 | 84/10/31 | 50-440 S | 8411130338 | 8411130330 | 84/10/18 | 50-320 G |
| 8411120315 | 8411120294 | 84/11/05 | 50-266 P | 8411130345 | 8411130340 | 84/10/16 | 50-315 G |
| 8411120319 | 8411120309 | 84/10/31 | 50-440 S | 8411130351 | 8411130342 | 84/11/07 | 50-266 G |
| 8411120320 | 8411120294 | 84/11/05 | 50-266 P | 8411130375 | 8411130370 | 84/10/16 | 50-254 G |
| 8411120322 | 8411120294 | 84/11/05 | 50-266 P | 8411130376 | 8411130366 | 84/11/07 | 50-346 G |
| 8411120323 | 8411120309 | 84/10/31 | 50-440 S | 8411130377 | 8411130368 | 84/11/07 | 50-461 G |
| 8411120324 | 8411120294 | 84/11/05 | 50-266 P | 8411130380 | 8411130370 | 84/10/16 | 50-254 G |
| 8411120327 | 8411120294 | 84/11/05 | 50-266 P | 8411130385 | 8411130378 | 84/10/19 | 50-483 G |
| 8411120331 | 8411120294 | 84/11/05 | 50-266 P | 8411130392 | 8411130387 | 84/10/16 | 50-266 G |
| 8411120334 | 8411120309 | 84/10/31 | 50-440 S | 8411130396 | 8411130390 | 84/11/06 | 50-271 P |
| 8411120335 | 8411120294 | 84/11/05 | 50-266 P | 8411130401 | 8411130387 | 84/10/16 | 50-266 G |
| 8411120336 | 8411120294 | 84/11/05 | 50-266 P | 8411130407 | 8411130398 | 84/11/05 | NUREG |
| 8411120339 | 8411120309 | 84/10/31 | 50-440 S | 8411130422 | 8411130411 | 84/10/17 | 71-522 |
| 8411120340 | 8411120294 | 84/11/05 | 50-266 P | 8411130425 | 8411130418 | 84/11/02 | 50-275 P |
| 8411120342 | 8411120294 | 84/11/05 | 50-266 P | 8411130430 | 8411130418 | 84/11/02 | 50-275 P |
| 8411120344 | 8411120309 | 84/10/31 | 50-440 S | 8411130432 | 8411130418 | 84/11/02 | 50-275 P |
| 8411120345 | 8411120294 | 84/11/05 | 50-266 P | 8411130434 | 8411130431 | 84/10/17 | 50-483 G |
| 8411120348 | 8411120309 | 84/10/31 | 50-440 S | 8411130435 | 8411130418 | 84/11/02 | 50-275 P |
| 8411120350 | 8411120294 | 84/11/05 | 50-266 P | 8411130437 | 8411130436 | 84/10/17 | 50-295 G |
| 8411120353 | 8411120309 | 84/10/31 | 50-440 S | 8411130475 | 8411130438 | 84/10/17 | 50-461 G |
| 8411120354 | 8411120294 | 84/11/05 | 50-266 P | 8411130490 | 8411130486 | 84/09/17 | 50-400 G |
| 8411120358 | 8411120294 | 84/11/05 | 50-266 P | 8411130491 | 8411130488 | 84/10/10 | 50-445 G |
| 8411120360 | 8411120329 | 84/10/31 | 50-387 P | 8411130495 | 8411130484 | 84/10/17 | 50-254 G |
| 8411120361 | 8411120309 | 84/10/31 | 50-440 S | 8411130497 | 8411130496 | 84/10/26 | 50-482 G |
| 8411120362 | 8411120355 | 84/10/25 | 50-277 G | 8411130501 | 8411130492 | 84/10/22 | 50-461 G |
| 8411120364 | 8411120294 | 84/11/05 | 50-266 P | 8411130503 | 8411130499 | 84/10/02 | 50-269 G |
| 8411120366 | 8411120357 | 84/09/18 | 50-400 A | 8411130507 | 8411130505 | 84/10/15 | 40-7455 |
| 8411120367 | 8411120329 | 84/10/31 | 50-387 P | 8411130508 | 8411130504 | 84/10/19 | 50-352 G |
| 8411120368 | 8411120294 | 84/11/05 | 50-266 P | 8411130509 | 8411130506 | 84/10/19 | 50-280 G |
| 8411120369 | 8411120309 | 84/10/31 | 50-440 S | 8411130515 | 8411130506 | 84/10/19 | 50-280 G |
| 8411120371 | 8411120363 | 84/11/08 | 50-389 P | 8411130517 | 8411130513 | 84/10/16 | 50-456 G |
| 8411120372 | 8411120294 | 84/11/05 | 50-266 P | 8411130520 | 8411130382 | 84/11/02 | PR |
| 8411120374 | 8411120357 | 84/09/18 | 50-400 A | 8411130529 | 8411130513 | 84/10/16 | 50-456 G |
| 8411120376 | 8411120294 | 84/11/05 | 50-266 P | 8411130539 | 8411130532 | 84/09/28 | 50-259 G |
| 8411120379 | 8411120294 | 84/11/05 | 50-266 P | 8411130543 | 8411130537 | 84/10/22 | 50-454 G |
| 8411120381 | 8411120294 | 84/11/05 | 50-266 P | 8411130548 | 8411130542 | 84/10/24 | 50-390 G |
| 8411120385 | 8411120294 | 84/11/05 | 50-266 P | 8411130550 | 8411130547 | 84/10/09 | 50-400 G |
| 8411120388 | 8411120309 | 84/10/31 | 50-440 S | 8411130555 | 8411130554 | 84/10/31 | 50-358 A |
| 8411120390 | 8411120294 | 84/11/05 | 50-266 P | 8411130558 | 8411130551 | 84/10/01 | 70-1201 |
| 8411120391 | 8411120387 | 84/10/05 | 71-213 | 8411130569 | 8411130563 | 84/10/18 | 50-259 G |
| 8411120393 | 8411120294 | 84/11/05 | 50-266 P | 8411130574 | 8411130563 | 84/10/18 | 50-259 G |
| 8411120394 | 8411120294 | 84/11/05 | 50-266 P | 8411130581 | 8411130575 | 84/10/25 | 50-352 G |
| 8411120397 | 8411120294 | 84/11/05 | 50-266 P | 8411130583 | 8411130579 | 84/11/09 | 50-322 G |
| 8411120429 | 8411120423 | 84/10/17 | 50-348 P | 8411130586 | 8411130563 | 84/10/18 | 50-259 G |
| 8411120431 | 8411120423 | 84/10/17 | 50-348 P | 8411130587 | 8411130585 | 84/10/16 | 50-271 G |
| 8411120439 | 8411120435 | 84/10/19 | 50-275 G | 8411130593 | 8411130563 | 84/10/18 | 50-259 G |
| 8411120441 | 8411120438 | 84/08/20 | 50-352 F | 8411130605 | 8411130599 | 84/11/01 | 50-445 E |
| 8411120452 | 8411120451 | 84/10/31 | 50-313 P | 8411130608 | 8411130601 | 84/10/17 | 50-57 G |
| 8411130012 | 8411130007 | 84/10/30 | 71-9028 | 8411130613 | 8411130595 | 84/10/12 | 50-302 G |
| 8411130060 | 8411130055 | 84/10/26 | 50-423 G | 8411130615 | 8411130601 | 84/10/17 | 50-57 G |
| 8411130074 | 8411130068 | 84/10/17 | 50-309 G | 8411130617 | 8411130600 | 84/11/12 | 50-289 G |
| 8411130078 | 8411130072 | 84/10/31 | 71-334 | 8411130618 | 8411130595 | 84/10/12 | 50-302 G |
| 8411130083 | 8411130068 | 84/10/17 | 50-309 G | 8411130625 | 8411130595 | 84/10/12 | 50-302 G |
| 8411130087 | 8411130084 | 84/10/31 | 71-9860 | 8411130627 | 8411130619 | 84/10/19 | 50-289 G |
| 8411130115 | 8411130110 | 84/10/17 | 50-219 G | 8411130630 | 8411130626 | 84/11/09 | 50-352 T |
| 8411130119 | 8411130101 | 84/09/10 | 50-275 F | 8411130632 | 8411130595 | 84/10/12 | 50-302 G |
| 8411130120 | 8411130113 | 84/10/17 | 50-354 G | 8411130633 | 8411130620 | 84/10/24 | 50-261 P |
| 8411130122 | 8411130110 | 84/10/17 | 50-219 G | 8411130635 | 8411130561 | 84/10/02 | 70-824 |
| 8411130128 | 8411130113 | 84/10/17 | 50-354 G | 8411130653 | 8411130648 | 84/10/02 | 50-160 G |
| 8411130142 | 8411130132 | 84/07/20 | 50-275 F | 8411130656 | 8411130644 | 84/10/22 | 50-30 G |
| 8411130160 | 8411130151 | 84/11/05 | 50-445 A | 8411130691 | 8411130673 | 84/09/20 | 50-250 G |
| 8411130173 | 8411130159 | 84/10/25 | 50-352 F | 8411130693 | 8411130689 | 84/11/02 | 71-4949 |
| 8411130187 | 8411130180 | 84/10/23 | 70-754 | 8411130708 | 8411130705 | 84/09/13 | 50-400 G |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

523

| ACCESSION NUMBER | | | | ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411130713 | 8411130707 | 84/10/11 | 50-280 Q | 8411140337 | 8411140232 | 84/11/09 | 50-361 Q |
| 8411130716 | 8411130690 | 84/09/20 | 50-413 Q | 8411140340 | 8411140338 | 84/11/08 | 50-272 P |
| 8411130718 | 8411130714 | 84/10/21 | GA979 | 8411140356 | 8411140353 | 84/11/09 | 50-302 P |
| 8411130721 | 8411130711 | 84/11/05 | 40-8801 | 8411140359 | 8411140357 | 84/11/07 | 50-293 Q |
| 8411130722 | 8411130719 | 84/11/09 | 50-445 Q | 8411140360 | 8411140358 | 84/11/08 | 50-312 P |
| 8411130723 | 8411130714 | 84/10/21 | GA979 | 8411140373 | 8411140369 | 84/11/08 | 50-289 Q |
| 8411130725 | 8411130719 | 84/11/09 | 50-445 Q | 8411140376 | 8411140371 | 84/11/09 | 50-368 P |
| 8411130726 | 8411130719 | 84/11/09 | 50-445 Q | 8411140377 | 8411140372 | 84/11/08 | 50-286 Q |
| 8411130733 | 8411130731 | 84/09/19 | 50-324 Q | 8411140379 | 8411140372 | 84/11/08 | 50-286 Q |
| 8411130740 | 8411130739 | 84/10/29 | 50-313 P | 8411140383 | 8411140380 | 84/11/08 | 50-312 P |
| 8411130742 | 8411130739 | 84/10/29 | 50-313 P | 8411140384 | 8411140378 | 84/11/02 | 50-206 P |
| 8411130743 | 8411130741 | 84/10/24 | 70-27 | 8411140385 | 8411140372 | 84/11/08 | 50-286 Q |
| 8411140003 | 8411140001 | 84/11/12 | 50-445 Q | 8411140394 | 8411140390 | 84/09/28 | 50-438 Q |
| 8411140007 | 8411140004 | 84/10/11 | 50-230 Q | 8411140403 | 8411140400 | 84/11/01 | CONTRACT |
| 8411140010 | 8411140004 | 84/10/11 | 50-230 Q | 8411140409 | 8411140405 | 84/10/04 | 50-390 Q |
| 8411140011 | 8411140008 | 84/11/09 | 50-352 Q | 8411140418 | 8411140415 | 84/11/02 | CONTRACT |
| 8411140013 | 8411140004 | 84/10/11 | 50-230 Q | 8411140420 | 8411140414 | 84/11/06 | CONTRACT |
| 8411140014 | 8411140008 | 84/11/09 | 50-352 Q | 8411140429 | 8411140422 | 84/10/05 | 50-259 Q |
| 8411140016 | 8411140004 | 84/10/11 | 50-230 Q | 8411140438 | 8411140424 | 84/10/24 | 50-344 P |
| 8411140017 | 8411140008 | 84/11/09 | 50-352 Q | 8411140442 | 8411140424 | 84/10/24 | 50-344 P |
| 8411140020 | 8411140018 | 84/10/24 | 50-261 P | 8411140446 | 8411140381 | 84/11/08 | 50-320 P |
| 8411140034 | 8411140026 | 84/10/12 | 50-395 Q | 8411140448 | 8411140445 | 84/10/12 | 50-170 Q |
| 8411140038 | 8411140026 | 84/10/12 | 50-395 Q | 8411140462 | 8411140460 | 84/10/24 | 50-213 Q |
| 8411140042 | 8411140026 | 84/10/12 | 50-395 Q | 8411140463 | 8411140458 | 84/09/19 | 50-338 Q |
| 8411140049 | 8411140026 | 84/10/12 | 50-395 Q | 8411140467 | 8411140465 | 84/10/16 | 50-389 P |
| 8411140060 | 8411140054 | 84/10/03 | 50-261 Q | 8411140469 | 8411140461 | 84/10/02 | 50-390 Q |
| 8411140068 | 8411140002 | 84/10/18 | 50-400 Q | 8411140471 | 8411140465 | 84/10/16 | 50-389 P |
| 8411140074 | 8411140002 | 84/10/18 | 50-400 Q | 8411140472 | 8411140468 | 84/11/02 | 50-348 P |
| 8411140077 | 8411140002 | 84/10/18 | 50-400 Q | 8411140479 | 8411140475 | 84/10/19 | 50-413 Q |
| 8411140081 | 8411140075 | 84/11/05 | 50-271 Q | 8411140496 | 8411140483 | 84/10/17 | 50-416 Q |
| 8411140082 | 8411140076 | 84/10/01 | 50-335 Q | 8411140502 | 8411140491 | 84/11/02 | CONTRACT |
| 8411140083 | 8411140002 | 84/10/18 | 50-400 Q | 8411140511 | 8411140507 | 84/10/05 | 50-324 R |
| 8411140089 | 8411140084 | 84/10/11 | 50-344 P | 8411140525 | 8411140517 | 84/10/17 | 50-261 Q |
| 8411140092 | 8411140084 | 84/10/11 | 50-344 P | 8411140531 | 8411140517 | 84/10/17 | 50-261 Q |
| 8411140101 | 8411140095 | 84/09/26 | 50-424 Q | 8411140532 | 8411140527 | 84/10/11 | 50-321 Q |
| 8411140105 | 8411140100 | 84/10/18 | 50-338 Q | 8411140536 | 8411140517 | 84/10/17 | 50-261 Q |
| 8411140106 | 8411140104 | 84/10/26 | 50-267 P | 8411140539 | 8411140517 | 84/10/17 | 50-261 Q |
| 8411140108 | 8411140104 | 84/10/26 | 50-267 P | 8411140540 | 8411140535 | 84/11/08 | 50-313 P |
| 8411140109 | 8411140100 | 84/10/18 | 50-338 Q | 8411140546 | 8411140542 | 84/10/11 | 50-280 Q |
| 8411140113 | 8411140100 | 84/10/18 | 50-338 Q | 8411140553 | 8411140548 | 84/10/11 | 50-390 Q |
| 8411140120 | 8411140100 | 84/10/18 | 50-338 Q | 8411140556 | 8411140549 | 84/09/19 | 50-424 Q |
| 8411140126 | 8411140117 | 84/11/06 | 50-324 P | 8411140558 | 8411140552 | 84/10/24 | 50-282 P |
| 8411140132 | 8411140100 | 84/10/18 | 50-338 Q | 8411140566 | 8411140562 | 84/10/11 | 50-321 Q |
| 8411140144 | 8411140139 | 84/09/18 | 50-324 Q | 8411140585 | 8411140581 | 84/10/31 | COMMISSION |
| 8411140145 | 8411140123 | 84/11/02 | XPORTLIC | 8411140598 | 8411140594 | 84/09/18 | 50-413 Q |
| 8411140148 | 8411140135 | 84/10/01 | 50-413 Q | 8411140599 | 8411200413 | 84/10/25 | 50-389 P |
| 8411140155 | 8411140152 | 84/11/02 | XPORTLIC | 8411140602 | 8411140600 | 84/10/19 | 50-410 Q |
| 8411140156 | 8411140153 | 84/11/05 | 50-220 P | 8411140610 | 8411140609 | 84/09/28 | 50-416 Q |
| 8411140162 | 8411140133 | 84/11/08 | 50-352 Q | 8411140613 | 8411140612 | 84/09/18 | 50-269 Q |
| 8411140171 | 8411140166 | 84/10/05 | 50-338 Q | 8411150010 | 8411150008 | 84/11/08 | 50-261 P |
| 8411140214 | 8411140209 | 84/11/07 | 50-327 P | 8411150012 | 8411150004 | 84/11/08 | 50-254 P |
| 8411140219 | 8411140212 | 84/11/07 | 50-293 Q | 8411150014 | 8411150005 | 84/11/07 | 50-369 Q |
| 8411140222 | 8411140213 | 84/11/06 | 50-320 P | 8411150024 | 8411150018 | 84/11/02 | 50-271 P |
| 8411140223 | 8411140217 | 84/09/26 | 50-416 Q | 8411150029 | 8411150021 | 84/11/07 | 50-237 P |
| 8411140225 | 8411140215 | 84/10/26 | 50-361 P | 8411150040 | 8411150036 | 84/11/07 | 50-390 Q |
| 8411140227 | 8411140215 | 84/10/26 | 50-361 P | 8411150042 | 8411150037 | 84/11/02 | 50-271 P |
| 8411140229 | 8411140213 | 84/11/06 | 50-320 P | 8411150046 | 8411150038 | 84/11/12 | 50-369 P |
| 8411140234 | 8411140213 | 84/11/06 | 50-320 P | 8411150053 | 8411150045 | 84/10/31 | 50-155 P |
| 8411140237 | 8411140199 | 84/11/05 | 50-271 Q | 8411150061 | 8411150055 | 84/11/06 | TOPREP |
| 8411140246 | 8411140239 | 84/10/01 | 50-395 Q | 8411150062 | 8411150045 | 84/10/31 | 50-155 P |
| 8411140262 | 8411140254 | 84/11/08 | 50-313 P | 8411150066 | 8411150056 | 84/11/12 | 50-445 K |
| 8411140263 | 8411140259 | 84/11/09 | 50-286 Q | 8411150071 | 8411150069 | 84/10/30 | 50-237 F |
| 8411140265 | 8411140255 | 84/10/01 | 50-395 Q | 8411150073 | 8411150063 | 84/10/16 | 50-327 Q |
| 8411140273 | 8411140264 | 84/11/09 | 50-250 P | 8411150080 | 8411150075 | 84/11/02 | 50-320 F |
| 8411140280 | 8411140272 | 84/11/07 | 50-528 Q | 8411150081 | 8411150077 | 84/11/05 | 50-458 E |
| 8411140286 | 8411140274 | 84/11/08 | 50-155 P | 8411150083 | 8411150063 | 84/10/16 | 50-327 Q |
| 8411140293 | 8411140281 | 84/11/08 | 50-73 P | 8411150086 | 8411150076 | 84/11/02 | 50-323 A |
| 8411140294 | 8411140274 | 84/11/08 | 50-155 P | 8411150087 | 8411150077 | 84/11/05 | 50-458 E |
| 8411140295 | 8411140289 | 84/10/22 | 50-309 Q | 8411150088 | 8411150079 | 84/11/09 | 50-269 P |
| 8411140299 | 8411140285 | 84/09/28 | 50-424 Q | 8411150094 | 8411150063 | 84/10/16 | 50-327 Q |
| 8411140301 | 8411140297 | 84/10/19 | 50-390 Q | 8411150095 | 8411150092 | 84/10/30 | 50-254 F |
| 8411140305 | 8411140297 | 84/10/19 | 50-390 Q | 8411150099 | 8411150063 | 84/10/16 | 50-327 Q |
| 8411140308 | 8411140297 | 84/10/19 | 50-390 Q | 8411150103 | 8411150090 | 84/11/07 | 50-275 P |
| 8411140312 | 8411140297 | 84/10/19 | 50-390 Q | 8411150106 | 8411150105 | 84/11/09 | 50-410 R |
| 8411140316 | 8411140309 | 84/10/09 | 50-390 Q | 8411150114 | 8411150105 | 84/11/09 | 50-410 R |
| 8411140319 | 8411140306 | 84/11/09 | 50-206 Q | 8411150115 | 8411150105 | 84/11/09 | 50-410 R |
| 8411140323 | 8411140311 | 84/11/03 | 50-277 Q | 8411150118 | 8411150105 | 84/11/09 | 50-410 R |
| 8411140326 | 8411140322 | 84/10/24 | 71-9186 | 8411150121 | 8411150105 | 84/11/09 | 50-410 R |
| 8411140327 | 8411140311 | 84/11/03 | 50-277 Q | 8411150122 | 8411150105 | 84/11/09 | 50-410 R |
| 8411140329 | 8411140192 | 84/10/26 | 71-92 | 8411150129 | 8411150105 | 84/11/09 | 50-410 R |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER | | | | ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411150130 | 8411150063 | 84/10/16 | 50-327 G | 8411160147 | 8411160143 | 84/11/09 | 50-352 G |
| 8411150133 | 8411150105 | 84/11/09 | 50-410 R | 8411160151 | 8411160146 | 84/10/23 | 71-228 |
| 8411150134 | 8411150105 | 84/11/09 | 50-410 R | 8411160152 | 8411160141 | 84/11/02 | 50-436 G |
| 8411150136 | 8411150105 | 84/11/09 | 50-410 R | 8411160157 | 8411160149 | 84/10/26 | 50-315 G |
| 8411150137 | 8411150063 | 84/10/16 | 50-327 G | 8411160166 | 8411160154 | 84/10/24 | 50-373 G |
| 8411150157 | 8411150153 | 84/10/11 | 50-280 G | 8411160168 | 8411160149 | 84/10/26 | 50-315 G |
| 8411150158 | 8411150154 | 84/10/25 | 70-143 | 8411160171 | 8411160165 | 84/11/07 | 50-424 K |
| 8411150162 | 8411150159 | 84/10/24 | 50-206 G | 8411160177 | 8411160162 | 84/10/22 | 50-259 P |
| 8411150168 | 8411150203 | 84/11/07 | 50-454 F | 8411160179 | 8411160172 | 84/09/10 | 71-146 |
| 8411150169 | 8411150159 | 84/10/24 | 50-206 G | 8411160182 | 8411160174 | 84/11/09 | 50-293 G |
| 8411150185 | 8411150180 | 84/10/05 | 50-266 P | 8411160184 | 8411160172 | 84/09/10 | 71-146 |
| 8411150190 | 8411150180 | 84/10/05 | 50-266 P | 8411160188 | 8411160181 | 84/10/15 | 50-339 P |
| 8411150191 | 8411150187 | 84/11/05 | 71-5939 | 8411160196 | 8411160181 | 84/10/15 | 50-339 P |
| 8411150197 | 8411150194 | 84/10/03 | 50-321 G | 8411160198 | 8411160189 | 84/11/09 | 50-331 P |
| 8411150199 | 8411150195 | 84/10/31 | WASTE MGT | 8411160199 | 8411160190 | 84/10/24 | 50-387 G |
| 8411150202 | 8411150194 | 84/10/03 | 50-321 G | 8411160236 | 8411160229 | 84/09/18 | 71-6601 |
| 8411150205 | 8411150194 | 84/10/03 | 50-321 G | 8411160240 | 8411160229 | 84/09/18 | 71-6601 |
| 8411150210 | 8411150194 | 84/10/03 | 50-321 G | 8411160231 | 8411160243 | 84/10/23 | 50-289 G |
| 8411150212 | 8411150206 | 84/10/26 | 50-321 G | 8411160238 | 8411160245 | 84/11/14 | 50-528 A |
| 8411150216 | 8411150206 | 84/10/26 | 50-321 G | 8411160261 | 8411160256 | 84/11/13 | 50-293 G |
| 8411150223 | 8411150206 | 84/10/26 | 50-321 G | 8411160274 | 8411160269 | 84/10/26 | 50-247 G |
| 8411150230 | 8411150206 | 84/10/26 | 50-321 G | 8411160277 | 8411160266 | 84/11/08 | 50-277 G |
| 8411150239 | 8411150233 | 84/10/11 | 50-361 R | 8411160280 | 8411160272 | 84/11/13 | 50-528 F |
| 8411150241 | 8411150238 | 84/10/18 | 50-395 G | 8411160288 | 8411160272 | 84/11/13 | 50-528 F |
| 8411150242 | 8411150233 | 84/10/11 | 50-361 R | 8411160291 | 8411160284 | 84/10/26 | 50-322 G |
| 8411150245 | 8411150238 | 84/10/18 | 50-395 G | 8411160292 | 8411160282 | 84/10/26 | 50-206 G |
| 8411150252 | 8411150238 | 84/10/18 | 50-395 G | 8411160297 | 8411160289 | 84/11/09 | 50-334 G |
| 8411150258 | 8411150250 | 84/10/26 | 50-387 G | 8411160300 | 8411160266 | 84/11/08 | 50-277 G |
| 8411150261 | 8411150255 | 84/10/18 | 50-348 G | 8411160304 | 8411160299 | 84/11/09 | GA999 |
| 8411150263 | 8411150260 | 84/11/13 | 50-142 G | 8411160308 | 8411160306 | 84/11/08 | 50-263 P |
| 8411150264 | 8411150255 | 84/10/18 | 50-348 G | 8411160313 | 8411160306 | 84/11/08 | 50-263 P |
| 8411150265 | 8411150257 | 84/10/11 | 50-321 G | 8411160317 | 8411160312 | 84/11/09 | 50-263 P |
| 8411150266 | 8411150259 | 84/11/13 | 50-289 G | 8411160323 | 8411160312 | 84/11/09 | 50-263 P |
| 8411150269 | 8411150255 | 84/10/18 | 50-348 G | 8411160333 | 8411160327 | 84/11/09 | 50-235 P |
| 8411150270 | 8411150267 | 84/11/13 | 50-322 G | 8411160335 | 8411160326 | 84/10/26 | 50-220 G |
| 8411150271 | 8411150257 | 84/10/11 | 50-321 G | 8411160336 | 8411160331 | 84/11/08 | 50-361 F |
| 8411150274 | 8411150255 | 84/10/18 | 50-348 G | 8411160340 | 8411160327 | 84/11/09 | 50-255 P |
| 8411150275 | 8411150257 | 84/10/11 | 50-321 G | 8411160341 | 8411160329 | 84/11/07 | 50-483 P |
| 8411150281 | 8411150257 | 84/10/11 | 50-321 G | 8411160343 | 8411160338 | 84/11/08 | 50-293 G |
| 8411150311 | 8411150303 | 84/09/20 | 50-324 G | 8411160348 | 8411160342 | 84/10/26 | 50-397 G |
| 8411150314 | 8411150310 | 84/11/05 | CONTRACT | 8411160349 | 8411160329 | 84/11/07 | 50-483 P |
| 8411150322 | 8411150318 | 84/11/05 | 50-320 P | 8411160354 | 8411160350 | 84/11/09 | 50-354 F |
| 8411150331 | 8411150321 | 84/10/17 | 50-335 G | 8411160358 | 8411160352 | 84/10/31 | 71-268 |
| 8411150332 | 8411150327 | 84/10/25 | 50-282 P | 8411160364 | 8411160359 | 84/11/01 | XPORTLIC |
| 8411150342 | 8411150339 | 84/10/05 | 50-250 G | 8411160381 | 8411160378 | 84/11/01 | XPORTLIC |
| 8411150344 | 8411150337 | 84/11/14 | 50-322 G | 8411160400 | 8411160397 | 84/10/24 | 50-341 G |
| 8411160011 | 8411160009 | 84/10/17 | 70-27 | 8411160404 | 8411160397 | 84/10/24 | 50-341 G |
| 8411160013 | 8411160003 | 84/10/23 | 50-259 G | 8411160408 | 8411160407 | 84/10/26 | 50-508 G |
| 8411160014 | 8411160337 | 84/11/14 | 50-322 G | 8411160412 | 8411160410 | 84/10/25 | 50-528 G |
| 8411160015 | 8411160012 | 84/11/08 | COMMISSION | 8411160415 | 8411160410 | 84/10/25 | 50-528 G |
| 8411160016 | 8411150337 | 84/11/14 | 50-322 G | 8411160417 | 8411160401 | 84/10/23 | 50-333 G |
| 8411160017 | 8411160003 | 84/10/23 | 50-259 G | 8411160444 | 8411160439 | 84/11/05 | 71-330 |
| 8411160018 | 8411150337 | 84/11/14 | 50-322 G | 8411160444 | 8411160462 | 84/10/11 | 50-285 P |
| 8411160019 | 8411160003 | 84/10/23 | 50-259 G | 8411160446 | 8411160459 | 84/11/05 | 50-410 A |
| 8411160020 | 8411150337 | 84/11/14 | 50-322 G | 8411160470 | 8411160462 | 84/10/11 | 50-285 P |
| 8411160022 | 8411160003 | 84/10/23 | 50-259 G | 8411160471 | 8411160469 | 84/10/31 | 50-454 P |
| 8411160026 | 8411160023 | 84/10/30 | 50-267 S | 8411160475 | 8411160469 | 84/10/31 | 50-454 P |
| 8411160029 | 8411160023 | 84/10/30 | 50-267 S | 8411160480 | 8411160469 | 84/10/31 | 50-454 P |
| 8411160031 | 8411160027 | 84/09/12 | 50-261 G | 8411160482 | 8411160476 | 84/10/31 | 71-247 |
| 8411160036 | 8411160034 | 84/10/23 | 50-263 G | 8411160484 | 8411160476 | 84/10/31 | 71-247 |
| 8411160037 | 8411160030 | 84/11/09 | 50-483 G | 8411160487 | 8411160483 | 84/11/01 | CONTRACT |
| 8411160040 | 8411160034 | 84/10/23 | 50-263 G | 8411160489 | 8411160486 | 84/10/26 | 50-352 P |
| 8411160046 | 8411160033 | 84/10/24 | 50-277 G | 8411160494 | 8411160486 | 84/10/26 | 50-352 P |
| 8411160047 | 8411160044 | 84/10/24 | 50-352 G | 8411160501 | 8411160486 | 84/10/26 | 50-352 P |
| 8411160064 | 8411160056 | 84/10/24 | 50-282 G | 8411160511 | 8411160508 | 84/11/05 | 71-85 |
| 8411160073 | 8411160066 | 84/10/22 | 50-272 G | 8411160513 | 8411160507 | 84/10/24 | 50-456 G |
| 8411160076 | 8411160071 | 84/10/22 | 50-170 G | 8411160515 | 8411160508 | 84/11/05 | 71-85 |
| 8411160077 | 8411160075 | 84/10/24 | 50-410 G | 8411160534 | 8411160523 | 84/10/26 | 50-234 G |
| 8411160080 | 8411160066 | 84/10/22 | 50-272 G | 8411160535 | 8411160530 | 84/11/05 | CONTRACT |
| 8411160106 | 8411160099 | 84/10/18 | 50-282 P | 8411160543 | 8411160539 | 84/10/31 | 50-263 P |
| 8411160110 | 8411160103 | 84/10/02 | 50-336 G | 8411160544 | 8411160539 | 84/10/31 | 50-263 P |
| 8411160111 | 8411160099 | 84/10/18 | 50-282 P | 8411160566 | 8411160533 | 84/11/02 | TOPREP |
| 8411160113 | 8411160104 | 84/11/12 | 50-346 P | 8411160584 | 8411160578 | 84/11/05 | 71-6346 |
| 8411160119 | 8411160114 | 84/10/09 | 50-320 G | 8411160589 | 8411160583 | 84/11/05 | TOPREP |
| 8411160122 | 8411160116 | 84/11/09 | NUREG | 8411160596 | 8411160587 | 84/11/01 | 40-2259 |
| 8411160125 | 8411160114 | 84/10/09 | 50-320 G | 8411160597 | 8411160590 | 84/11/05 | 71-286 |
| 8411160127 | 8411160116 | 84/11/09 | NUREG | 8411160603 | 8411160600 | 84/11/05 | 71-120 |
| 8411160135 | 8411160128 | 84/10/26 | 50-373 G | 8411160625 | 8411160623 | 84/11/06 | 70-824 |
| 8411160136 | 8411160116 | 84/11/09 | NUREG | 8411160642 | 8411160639 | 84/10/17 | 40-6622 |
| 8411160145 | 8411160128 | 84/10/26 | 50-373 G | 8411190007 | 8411190003 | 84/11/14 | 50-322 G |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

525

| ACCESSION NUMBER | | | | ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411190010 | 8411190003 | 84/11/14 | 50-322 Q | 8411190265 | 8411190096 | 84/01/24 | FOIA |
| 8411190015 | 8411190003 | 84/11/14 | 50-322 Q | 8411190266 | 8411190096 | 84/01/24 | FOIA |
| 8411190019 | 8411190003 | 84/11/14 | 50-322 Q | 8411190267 | 8411190096 | 84/01/24 | FOIA |
| 8411190030 | 8411190026 | 84/10/29 | 50-220 P | 8411190269 | 8411190096 | 84/01/24 | FOIA |
| 8411190031 | 8411190026 | 84/10/29 | 50-220 P | 8411190270 | 8411190096 | 84/01/24 | FOIA |
| 8411190066 | 8411190064 | 84/10/29 | 50-331 P | 8411190273 | 8411190096 | 84/01/24 | FOIA |
| 8411190070 | 8411190064 | 84/10/29 | 50-331 P | 8411190274 | 8411190096 | 84/01/24 | FOIA |
| 8411190094 | 8411190090 | 84/10/31 | 50-528 Q | 8411190275 | 8411190096 | 84/01/24 | FOIA |
| 8411190097 | 8411190096 | 84/01/24 | FOIA | 8411190276 | 8411190096 | 84/01/24 | FOIA |
| 8411190103 | 8411190096 | 84/01/24 | FOIA | 8411190280 | 8411190096 | 84/01/24 | FOIA |
| 8411190106 | 8411190096 | 84/01/24 | FOIA | 8411190282 | 8411190096 | 84/01/24 | FOIA |
| 8411190110 | 8411190096 | 84/01/24 | FOIA | 8411190284 | 8411190096 | 84/01/24 | FOIA |
| 8411190111 | 8411190108 | 84/10/31 | 70-364 | 8411190285 | 8411190096 | 84/01/24 | FOIA |
| 8411190114 | 8411190096 | 84/01/24 | FOIA | 8411190287 | 8411190096 | 84/01/24 | FOIA |
| 8411190116 | 8411190096 | 84/01/24 | FOIA | 8411190290 | 8411190096 | 84/01/24 | FOIA |
| 8411190122 | 8411190096 | 84/01/24 | FOIA | 8411190293 | 8411190096 | 84/01/24 | FOIA |
| 8411190126 | 8411190096 | 84/01/24 | FOIA | 8411190294 | 8411190096 | 84/01/24 | FOIA |
| 8411190130 | 8411190096 | 84/01/24 | FOIA | 8411190297 | 8411190096 | 84/01/24 | FOIA |
| 8411190134 | 8411190096 | 84/01/24 | FOIA | 8411190298 | 8411190096 | 84/01/24 | FOIA |
| 8411190136 | 8411190096 | 84/01/24 | FOIA | 8411190300 | 8411190096 | 84/01/24 | FOIA |
| 8411190137 | 8411190133 | 84/11/14 | 50-312 P | 8411190304 | 8411190096 | 84/01/24 | FOIA |
| 8411190142 | 8411190096 | 84/01/24 | FOIA | 8411190307 | 8411190096 | 84/01/24 | FOIA |
| 8411190143 | 8411190140 | 84/08/30 | 40-299 | 8411190309 | 8411190096 | 84/01/24 | FOIA |
| 8411190148 | 8411190096 | 84/01/24 | FOIA | 8411190311 | 8411190096 | 84/01/24 | FOIA |
| 8411190150 | 8411190096 | 84/10/24 | FOIA | 8411190316 | 8411190096 | 84/01/24 | FOIA |
| 8411190154 | 8411190096 | 84/01/24 | FOIA | 8411190317 | 8411190096 | 84/01/24 | FOIA |
| 8411190156 | 8411190096 | 84/01/24 | FOIA | 8411190318 | 8411190096 | 84/01/24 | FOIA |
| 8411190159 | 8411190155 | 84/11/02 | 50-263 P | 8411190322 | 8411190096 | 84/01/24 | FOIA |
| 8411190162 | 8411190113 | 84/10/09 | 40-6659 | 8411190323 | 8411190096 | 84/01/24 | FOIA |
| 8411190163 | 8411190155 | 84/11/02 | 50-263 P | 8411190328 | 8411190096 | 84/01/24 | FOIA |
| 8411190164 | 8411190096 | 84/01/24 | FOIA | 8411190329 | 8411190096 | 84/01/24 | FOIA |
| 8411190168 | 8411190096 | 84/01/24 | FOIA | 8411190331 | 8411190096 | 84/01/24 | FOIA |
| 8411190170 | 8411190096 | 84/01/24 | FOIA | 8411190336 | 8411190096 | 84/01/24 | FOIA |
| 8411190171 | 8411190096 | 84/01/24 | FOIA | 8411190338 | 8411190096 | 84/01/24 | FOIA |
| 8411190175 | 8411190096 | 84/01/24 | FOIA | 8411190339 | 8411190330 | 84/11/14 | 50-352 Q |
| 8411190176 | 8411190173 | 84/11/15 | 50-438 K | 8411190340 | 8411190096 | 84/01/24 | FOIA |
| 8411190177 | 8411190096 | 84/01/24 | FOIA | 8411190341 | 8411190320 | 84/11/13 | 50-400 Q |
| 8411190178 | 8411190096 | 84/01/24 | FOIA | 8411190344 | 8411190096 | 84/01/24 | FOIA |
| 8411190179 | 8411190096 | 84/01/24 | FOIA | 8411190345 | 8411190096 | 84/01/24 | FOIA |
| 8411190180 | 8411190096 | 84/01/24 | FOIA | 8411190350 | 8411190096 | 84/01/24 | FOIA |
| 8411190182 | 8411190096 | 84/01/24 | FOIA | 8411190351 | 8411190096 | 84/01/24 | FOIA |
| 8411190185 | 8411190096 | 84/01/24 | FOIA | 8411190352 | 8411190096 | 84/01/24 | FOIA |
| 8411190186 | 8411190096 | 84/01/24 | FOIA | 8411190353 | 8411190348 | 84/11/09 | 50-390 A |
| 8411190189 | 8411190096 | 84/01/24 | FOIA | 8411190354 | 8411190347 | 84/11/14 | 50-255 Q |
| 8411190192 | 8411190096 | 84/01/24 | FOIA | 8411190357 | 8411190096 | 84/01/24 | FOIA |
| 8411190195 | 8411190096 | 84/01/24 | FOIA | 8411190358 | 8411190096 | 84/01/24 | FOIA |
| 8411190196 | 8411190184 | 84/11/06 | 50-461 Q | 8411190359 | 8411190096 | 84/01/24 | FOIA |
| 8411190197 | 8411190096 | 84/01/24 | FOIA | 8411190361 | 8411190096 | 84/01/24 | FOIA |
| 8411190198 | 8411190096 | 84/01/24 | FOIA | 8411190363 | 8411190096 | 84/01/24 | FOIA |
| 8411190202 | 8411190096 | 84/01/24 | FOIA | 8411190365 | 8411190355 | 84/10/30 | 50-346 Q |
| 8411190205 | 8411190096 | 84/01/24 | FOIA | 8411190366 | 8411190096 | 84/01/24 | FOIA |
| 8411190206 | 8411190096 | 84/01/24 | FOIA | 8411190368 | 8411190096 | 84/01/24 | FOIA |
| 8411190209 | 8411190096 | 84/01/24 | FOIA | 8411190369 | 8411190362 | 84/11/13 | 50-316 Q |
| 8411190211 | 8411190096 | 84/01/24 | FOIA | 8411190370 | 8411190364 | 84/11/15 | 50-87 P |
| 8411190212 | 8411190096 | 84/01/24 | FOIA | 8411190372 | 8411190096 | 84/01/24 | FOIA |
| 8411190213 | 8411190096 | 84/01/24 | FOIA | 8411190373 | 8411190096 | 84/01/24 | FOIA |
| 8411190214 | 8411190096 | 84/01/24 | FOIA | 8411190375 | 8411190371 | 84/10/26 | 50-293 Q |
| 8411190219 | 8411190096 | 84/01/24 | FOIA | 8411190376 | 8411190096 | 84/01/24 | FOIA |
| 8411190220 | 8411190096 | 84/01/24 | FOIA | 8411190378 | 8411190096 | 84/01/24 | FOIA |
| 8411190223 | 8411190096 | 84/01/24 | FOIA | 8411190381 | 8411190096 | 84/01/24 | FOIA |
| 8411190224 | 8411190096 | 84/01/24 | FOIA | 8411190382 | 8411190096 | 84/01/24 | FOIA |
| 8411190226 | 8411190096 | 84/01/24 | FOIA | 8411190384 | 8411190096 | 84/01/24 | FOIA |
| 8411190229 | 8411190096 | 84/01/24 | FOIA | 8411190386 | 8411190383 | 84/11/14 | 50-320 P |
| 8411190230 | 8411190096 | 84/01/24 | FOIA | 8411190387 | 8411190096 | 84/01/24 | FOIA |
| 8411190232 | 8411190096 | 84/01/24 | FOIA | 8411190388 | 8411190096 | 84/01/24 | FOIA |
| 8411190233 | 8411190096 | 84/01/24 | FOIA | 8411190391 | 8411190096 | 84/01/24 | FOIA |
| 8411190237 | 8411190096 | 84/01/24 | FOIA | 8411190393 | 8411190096 | 84/01/24 | FOIA |
| 8411190240 | 8411190096 | 84/01/24 | FOIA | 8411190398 | 8411190096 | 84/01/24 | FOIA |
| 8411190241 | 8411190096 | 84/01/24 | FOIA | 8411190400 | 8411190096 | 84/01/24 | FOIA |
| 8411190245 | 8411190239 | 84/11/09 | 40-2061 | 8411190401 | 8411190096 | 84/01/24 | FOIA |
| 8411190248 | 8411190244 | 84/11/05 | 50-295 S | 8411190402 | 8411190096 | 84/01/24 | FOIA |
| 8411190249 | 8411190096 | 84/01/24 | FOIA | 8411190404 | 8411190096 | 84/01/24 | FOIA |
| 8411190250 | 8411190096 | 84/01/24 | FOIA | 8411190405 | 8411190096 | 84/01/24 | FOIA |
| 8411190253 | 8411190096 | 84/01/24 | FOIA | 8411190407 | 8411190096 | 84/01/24 | FOIA |
| 8411190255 | 8411190096 | 84/01/24 | FOIA | 8411190409 | 8411190096 | 84/01/24 | FOIA |
| 8411190258 | 8411190096 | 84/01/24 | FOIA | 8411190411 | 8411190096 | 84/01/24 | FOIA |
| 8411190259 | 8411190096 | 84/01/24 | FOIA | 8411190412 | 8411190096 | 84/01/24 | FOIA |
| 8411190260 | 8411190257 | 84/08/30 | 40-299 | 8411190414 | 8411190096 | 84/01/24 | FOIA |
| 8411190261 | 8411190096 | 84/01/24 | FOIA | 8411190417 | 8411190096 | 84/01/24 | FOIA |
| 8411190262 | 8411190096 | 84/01/24 | FOIA | 8411190419 | 8411190096 | 84/01/24 | FOIA |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411190422 | 8411190096 | 84/01/24 | FOIA |
| 8411190424 | 8411190096 | 84/01/24 | FOIA |
| 8411190426 | 8411190096 | 84/01/24 | FOIA |
| 8411190427 | 8411190096 | 84/01/24 | FOIA |
| 8411190431 | 8411190096 | 84/01/24 | FOIA |
| 8411190432 | 8411190096 | 84/01/24 | FOIA |
| 8411190433 | 8411190096 | 84/01/24 | FOIA |
| 8411190435 | 8411190096 | 84/01/24 | FOIA |
| 8411190436 | 8411190096 | 84/01/24 | FOIA |
| 8411190437 | 8411190428 | 84/11/13 | 50-482 G |
| 8411190440 | 8411190096 | 84/01/24 | FOIA |
| 8411190441 | 8411190429 | 84/11/15 | 50-361 P |
| 8411190443 | 8411190096 | 84/01/24 | FOIA |
| 8411190444 | 8411190438 | 84/11/07 | 50-213 P |
| 8411190446 | 8411190096 | 84/01/24 | FOIA |
| 8411190448 | 8411190096 | 84/01/24 | FOIA |
| 8411190449 | 8411190429 | 84/11/15 | 50-361 P |
| 8411190451 | 8411190096 | 84/01/24 | FOIA |
| 8411190453 | 8411190447 | 84/11/16 | 50-250 P |
| 8411190455 | 8411190429 | 84/11/15 | 50-361 P |
| 8411190458 | 8411190452 | 84/11/13 | 50-482 G |
| 8411190460 | 8411190429 | 84/11/15 | 50-361 P |
| 8411190463 | 8411190096 | 84/01/24 | FOIA |
| 8411190471 | 8411190096 | 84/01/24 | FOIA |
| 8411190477 | 8411190096 | 84/01/24 | FOIA |
| 8411190503 | 8411190096 | 84/01/24 | FOIA |
| 8411190507 | 8411190498 | 84/11/13 | 50-266 G |
| 8411190509 | 8411190501 | 84/11/14 | 50-483 G |
| 8411190515 | 8411190096 | 84/01/24 | FOIA |
| 8411190520 | 8411190096 | 84/01/24 | FOIA |
| 8411190522 | 8411190513 | 84/11/14 | 50-320 P |
| 8411190528 | 8411190096 | 84/01/24 | FOIA |
| 8411190535 | 8411190529 | 84/11/14 | 50-275 G |
| 8411190536 | 8411190096 | 84/01/24 | FOIA |
| 8411190538 | 8411190532 | 84/11/15 | 70-1739 |
| 8411190549 | 8411190543 | 84/11/14 | 50-155 G |
| 8411190558 | 8411190096 | 84/01/24 | FOIA |
| 8411190564 | 8411190096 | 84/01/24 | FOIA |
| 8411190566 | 8411190563 | 84/11/08 | 50-412 A |
| 8411190567 | 8411190096 | 84/01/24 | FOIA |
| 8411190572 | 8411190560 | 84/11/09 | 50-266 P |
| 8411190576 | 8411190096 | 84/01/24 | FOIA |
| 8411190580 | 8411190578 | 84/11/09 | 50-289 G |
| 8411190582 | 8411190096 | 84/01/24 | FOIA |
| 8411190600 | 8411190599 | 84/10/18 | 50-219 G |
| 8411190602 | 8411190601 | 84/10/29 | 40-299 |
| 8411190603 | 8411190604 | 84/10/31 | 50-289 P |
| 8411190606 | 8411190604 | 84/10/31 | 50-289 P |
| 8411200015 | 8411200010 | 84/10/26 | 50-325 P |
| 8411200020 | 8411200009 | 84/11/14 | 50-259 G |
| 8411200026 | 8411200021 | 84/10/31 | 50-271 F |
| 8411200046 | 8411200043 | 84/10/30 | 50-312 G |
| 8411200050 | 8411200040 | 84/10/24 | 50-325 P |
| 8411200051 | 8411200043 | 84/10/30 | 50-312 G |
| 8411200077 | 8411200072 | 84/10/26 | 50-166 G |
| 8411200078 | 8411200075 | 84/11/08 | 50-354 E |
| 8411200079 | 8411200074 | 84/10/26 | 50-213 G |
| 8411200080 | 8411200076 | 84/11/08 | 50-387 P |
| 8411200085 | 8411200083 | 84/11/07 | 50-364 P |
| 8411200095 | 8411200092 | 84/10/30 | 50-315 P |
| 8411200098 | 8411200093 | 84/11/14 | 50-277 F |
| 8411200106 | 8411200101 | 84/11/07 | 50-461 G |
| 8411200131 | 8411200127 | 84/10/26 | 50-213 G |
| 8411200139 | 8411200136 | 84/10/26 | 50-247 G |
| 8411200145 | 8411200136 | 84/10/26 | 50-247 G |
| 8411200153 | 8411200146 | 84/11/01 | 50-266 P |
| 8411200157 | 8411200151 | 84/10/24 | 50-237 P |
| 8411200160 | 8411200152 | 84/10/26 | 50-293 G |
| 8411200167 | 8411200161 | 84/11/15 | 50-289 T |
| 8411200186 | 8411200176 | 84/11/08 | 50-400 G |
| 8411200194 | 8411200179 | 84/11/15 | 50-387 G |
| 8411200207 | 8411200199 | 84/11/06 | 50-454 G |
| 8411200230 | 8411200223 | 84/11/16 | 50-369 P |
| 8411200233 | 8411200224 | 84/10/30 | 50-89 G |
| 8411200266 | 8411200259 | 84/11/13 | 50-387 P |
| 8411200279 | 8411200272 | 84/11/15 | 50-461 G |
| 8411200284 | 8411200272 | 84/11/15 | 50-461 G |
| 8411200286 | 8411200274 | 84/11/15 | 50-272 G |
| 8411200292 | 8411200272 | 84/11/15 | 50-461 G |
| 8411200302 | 8411200296 | 84/11/15 | XPORTLIC |

| ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411200323 | 8411200317 | 84/11/17 | 50-445 G |
| 8411200325 | 8411200319 | 84/11/15 | 50-312 P |
| 8411200331 | 8411200322 | 84/09/13 | 50-315 F |
| 8411200334 | 8411200332 | 84/11/14 | 50-155 P |
| 8411200335 | 8411200322 | 84/09/13 | 50-315 F |
| 8411200339 | 8411200329 | 84/11/14 | 50-206 F |
| 8411200342 | 8411200329 | 84/11/14 | 50-206 F |
| 8411200344 | 8411200343 | 84/11/09 | 50-322 F |
| 8411200346 | 8411200345 | 84/11/15 | 50-305 V |
| 8411200347 | 8411200345 | 84/11/15 | 50-305 V |
| 8411200353 | 8411200352 | 84/11/14 | 50-244 P |
| 8411200355 | 8411200352 | 84/11/14 | 50-244 P |
| 8411200358 | 8411200352 | 84/11/14 | 50-244 P |
| 8411200368 | 8411200363 | 84/11/09 | 50-373 P |
| 8411200371 | 8411200363 | 84/11/09 | 50-373 P |
| 8411200379 | 8411200373 | 84/10/31 | 50-255 P |
| 8411200393 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200395 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200396 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200398 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200400 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200402 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200405 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200408 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200411 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200412 | 8411200406 | 84/11/08 | 50-395 P |
| 8411200415 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200417 | 8411200406 | 84/11/08 | 50-395 P |
| 8411200418 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200421 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200423 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200425 | 8411200420 | 84/11/05 | 50-285 P |
| 8411200426 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200428 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200431 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200433 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200436 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200437 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200441 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200444 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200448 | 8411200391 | 84/11/05 | 50-280 F |
| 8411200459 | 8411200456 | 84/10/30 | 50-344 P |
| 8411200463 | 8411200456 | 84/10/30 | 50-344 P |
| 8411200503 | 8411200492 | 84/11/06 | 50-338 P |
| 8411200569 | 8411200565 | 84/11/09 | 50-369 S |
| 8411210010 | 8411210009 | 84/10/15 | 50-272 P |
| 8411210024 | 8411210019 | 84/10/15 | 50-272 P |
| 8411210033 | 8411210030 | 84/11/06 | 50-272 P |
| 8411210064 | 8411210060 | 84/10/30 | 50-309 G |
| 8411210066 | 8411210059 | 84/05/08 | 50-10 G |
| 8411210073 | 8411210059 | 84/05/08 | 50-10 G |
| 8411210080 | 8411210074 | 84/11/05 | COMMISSION |
| 8411210088 | 8411210083 | 84/11/14 | 50-206 P |
| 8411210089 | 8411210087 | 84/09/21 | 71-211 |
| 8411210093 | 8411210083 | 84/11/14 | 50-206 P |
| 8411210099 | 8411210092 | 84/10/29 | 71-246 |
| 8411210116 | 8411210115 | 84/11/06 | 50-272 P |
| 8411210117 | 8411210111 | 84/10/15 | 50-272 P |
| 8411210122 | 8411210119 | 84/11/14 | REVIEW GRP |
| 8411210128 | 8411210119 | 84/11/14 | REVIEW GRP |
| 8411210131 | 8411210119 | 84/11/14 | REVIEW GRP |
| 8411210136 | 8411210126 | 84/11/02 | 50-397 G |
| 8411210145 | 8411210119 | 84/11/14 | REVIEW GRP |
| 8411210150 | 8411210140 | 84/11/07 | 50-321 P |
| 8411210154 | 8411210151 | 84/11/14 | 71-52 |
| 8411210162 | 8411210161 | 84/11/14 | 71-58 |
| 8411210166 | 8411210157 | 84/11/02 | 50-275 G |
| 8411210173 | 8411210167 | 84/10/29 | 50-397 G |
| 8411210182 | 8411210171 | 84/10/15 | 50-311 P |
| 8411210183 | 8411210178 | 84/11/09 | 50-275 U |
| 8411210187 | 8411210180 | 84/10/31 | 50-344 G |
| 8411210193 | 8411210186 | 84/11/14 | 71-345 |
| 8411210202 | 8411210197 | 84/11/14 | 71-6 |
| 8411210211 | 8411210204 | 84/11/14 | 71-317 |
| 8411210216 | 8411210214 | 84/11/14 | 71-23 |
| 8411210219 | 8411210213 | 84/11/13 | CONTRACT |
| 8411210223 | 8411210217 | 84/11/14 | 50-155 P |
| 8411210226 | 8411210221 | 84/11/14 | 71-262 |
| 8411210227 | 8411210215 | 84/10/15 | 50-272 P |
| 8411210229 | 8411210217 | 84/11/14 | 50-155 P |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

527

| ACCESSION NUMBER | | | | ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411210231 | 8411210220 | 84/10/31 | 50-369 P | 8411260421 | 8411260418 | 84/11/20 | 50-206 P |
| 8411210236 | 8411210228 | 84/10/11 | 70-820 | 8411260425 | 8411260422 | 84/11/15 | 50-309 G |
| 8411210238 | 8411210220 | 84/10/31 | 50-369 P | 8411260430 | 8411260427 | 84/11/08 | XPORTRIC |
| 8411210241 | 8411210234 | 84/10/15 | 50-311 P | 8411260496 | 8411260490 | 84/10/24 | 50-267 G |
| 8411210247 | 8411210220 | 84/10/31 | 50-369 P | 8411260521 | 8411260513 | 84/10/30 | 50-456 G |
| 8411210249 | 8411210240 | 84/10/15 | 50-311 P | 8411260530 | 8411260513 | 84/10/30 | 50-456 G |
| 8411210260 | 8411210237 | 84/11/19 | 50-328 G | 8411260538 | 8411260513 | 84/10/30 | 50-456 G |
| 8411210263 | 8411210239 | 84/11/15 | 50-322 F | 8411260563 | 8411260554 | 84/11/15 | 50-387 X |
| 8411210287 | 8411210284 | 84/11/07 | 50-263 P | 8411260577 | 8411260571 | 84/10/17 | CONTRACT |
| 8411210288 | 8411210282 | 84/11/07 | 50-275 F | 8411260607 | 8411260604 | 84/10/12 | CONTRACT |
| 8411210296 | 8411210292 | 84/10/31 | 50-388 G | 8411260609 | 8411260608 | 84/11/06 | 50-312 P |
| 8411210298 | 8411210293 | 84/11/13 | CONTRACT | 8411260610 | 8411260608 | 84/11/06 | 50-312 P |
| 8411210310 | 8411210309 | 84/10/29 | 71-339 | 8411260612 | 8411260611 | 84/11/14 | 50-275 P |
| 8411210313 | 8411210312 | 84/10/30 | 71-10 | 8411270036 | 8411270032 | 84/11/19 | 50-255 F |
| 8411210320 | 8411210319 | 84/10/29 | 50-331 G | 8411270054 | 8411270050 | 84/11/15 | MISC |
| 8411210322 | 8411210321 | 84/11/01 | 50-354 G | 8411270082 | 8411270067 | 84/11/15 | 70-36 |
| 8411210330 | 8411210329 | 84/11/14 | 50-388 P | 8411270098 | 8411270074 | 84/11/01 | 70-1201 |
| 8411210331 | 8411210329 | 84/11/14 | 50-388 P | 8411270113 | 8411270107 | 84/11/20 | 50-272 G |
| 8411210336 | 8411210335 | 84/10/30 | CONTRACT | 8411270140 | 8411270135 | 83/07/13 | 50-416 R |
| 8411210339 | 8411210337 | 84/10/16 | CONTRACT | 8411270141 | 8411270133 | 84/11/20 | 50-443 G |
| 8411210354 | 8411210353 | 84/11/13 | 50-276 P | 8411270158 | 8411270148 | 84/11/20 | 50-333 G |
| 8411210361 | 8411210359 | 84/09/21 | 71-321 | 8411270160 | 8411270142 | 84/11/20 | 50-322 G |
| 8411210363 | 8411210359 | 84/09/21 | 71-321 | 8411270190 | 8411270182 | 84/11/20 | 50-412 G |
| 8411210364 | 8411210359 | 84/09/21 | 71-321 | 8411270196 | 8411270189 | 84/11/19 | 50-445 G |
| 8411210368 | 8411210365 | 84/11/15 | 50-441 A | 8411270218 | 8411270214 | 84/11/20 | 50-352 G |
| 8411210371 | 8411210365 | 84/11/15 | 50-441 A | 8411270234 | 8411270226 | 84/10/01 | 50-423 F |
| 8411210395 | 8411210390 | 84/10/31 | 50-388 G | 8411270243 | 8411270233 | 84/11/21 | 50-315 G |
| 8411210396 | 8411210388 | 84/10/29 | 50-259 P | 8411270254 | 8411270249 | 84/11/14 | 50-334 P |
| 8411210403 | 8411210388 | 84/10/29 | 50-259 P | 8411270258 | 8411270249 | 84/11/14 | 50-334 P |
| 8411210407 | 8411210402 | 84/11/14 | 71-19183 | 8411270276 | 8411270272 | 84/11/21 | 50-410 K |
| 8411210408 | 8411210388 | 84/10/29 | 50-259 P | 8411270278 | 8411270270 | 84/11/26 | 50-206 P |
| 8411210427 | 8411210423 | 84/11/02 | 50-346 G | 8411270282 | 8411270270 | 84/11/26 | 50-206 P |
| 8411210432 | 8411210423 | 84/11/02 | 50-346 G | 8411270292 | 8411270289 | 84/11/21 | 50-275 P |
| 8411210439 | 8411210428 | 84/10/31 | 50-155 G | 8411270296 | 8411270294 | 84/11/21 | 50-317 G |
| 8411210444 | 8411210435 | 84/11/01 | 50-235 G | 8411270297 | 8411270295 | 84/11/16 | 50-454 P |
| 8411210445 | 8411210441 | 84/11/07 | 50-293 P | 8411270299 | 8411270294 | 84/11/21 | 50-317 G |
| 8411210452 | 8411210441 | 84/11/07 | 50-293 P | 8411270303 | 8411270301 | 84/11/23 | 50-352 G |
| 8411210462 | 8411210456 | 84/11/02 | 50-220 P | 8411270304 | 8411270302 | 84/11/23 | 50-206 P |
| 8411210464 | 8411210458 | 84/11/02 | 50-334 G | 8411270305 | 8411270302 | 84/11/23 | 50-206 P |
| 8411210467 | 8411210456 | 84/11/02 | 50-220 P | 8411270306 | 8411270289 | 84/11/21 | 50-275 P |
| 8411260029 | 8411260024 | 84/11/16 | 50-331 F | 8411270309 | 8411270307 | 84/11/19 | PR |
| 8411260033 | 8411260021 | 84/11/19 | 50-289 G | 8411270314 | 8411270312 | 84/11/21 | 50-498 K |
| 8411260034 | 8411260026 | 84/11/19 | 50-289 G | 8411270318 | 8411270316 | 84/11/20 | 50-20 G |
| 8411260035 | 8411260024 | 84/11/16 | 50-331 F | 8411270325 | 8411270322 | 84/09/07 | 50-70 G |
| 8411260036 | 8411260027 | 84/11/15 | 50-206 P | 8411270331 | 8411270330 | 84/11/21 | 50-293 G |
| 8411260038 | 8411260032 | 84/11/14 | 71-9027 | 8411270335 | 8411270330 | 84/11/21 | 50-293 G |
| 8411260057 | 8411260053 | 84/11/21 | 50-445 A | 8411270336 | 8411270332 | 84/11/20 | 50-412 A |
| 8411260062 | 8411260052 | 84/10/23 | 50-305 G | 8411270337 | 8411270334 | 84/11/20 | 50-445 A |
| 8411260085 | 8411260074 | 84/11/20 | 50-400 G | 8411270344 | 8411270341 | 84/11/21 | 50-346 G |
| 8411260088 | 8411260078 | 84/11/14 | 71-9073 | 8411270352 | 8411270348 | 84/11/20 | 50-445 G |
| 8411260103 | 8411260096 | 84/11/14 | 50-387 P | 8411270355 | 8411270348 | 84/11/20 | 50-445 G |
| 8411260105 | 8411260043 | 84/11/16 | TOPREP | 8411270369 | 8411270338 | 84/11/20 | 50-352 G |
| 8411260110 | 8411260096 | 84/11/14 | 50-387 P | 8411270374 | 8411270372 | 84/11/21 | 50-206 P |
| 8411260120 | 8411260112 | 84/11/06 | 50-309 F | 8411270379 | 8411270372 | 84/11/21 | 50-206 P |
| 8411260139 | 8411260131 | 84/11/07 | CONTRACT | 8411270383 | 8411270372 | 84/11/21 | 50-206 P |
| 8411260166 | 8411260157 | 84/06/27 | 50-298 G | 8411270392 | 8411270233 | 84/11/21 | 50-315 G |
| 8411260174 | 8411260167 | 84/11/01 | 50-416 P | 8411270402 | 8411270396 | 84/10/31 | TOPREP |
| 8411260181 | 8411260167 | 84/11/01 | 50-416 P | 8411270411 | 8411270405 | 84/11/17 | PR |
| 8411260185 | 8411260179 | 84/11/06 | 50-271 P | 8411270414 | 8411270406 | 84/11/23 | 50-206 P |
| 8411260186 | 8411260167 | 84/11/01 | 50-416 P | 8411270415 | 8411270405 | 84/11/17 | PR |
| 8411260201 | 8411260189 | 84/09/21 | 40-2061 | 8411270417 | 8411270406 | 84/11/23 | 50-206 P |
| 8411260203 | 8411260197 | 84/11/19 | 50-29 P | 8411270430 | 8411270427 | 84/11/21 | 50-113 F |
| 8411260233 | 8411260250 | 84/11/09 | 50-293 P | 8411270431 | 8411270429 | 84/11/02 | WASTE MGT |
| 8411260266 | 8411260261 | 84/11/19 | 50-482 G | 8411270433 | 8411270429 | 84/11/02 | WASTE MGT |
| 8411260271 | 8411260261 | 84/11/19 | 50-482 G | 8411270434 | 8411270429 | 84/11/02 | WASTE MGT |
| 8411260292 | 8411260289 | 84/11/20 | 50-271 G | 8411270435 | 8411270429 | 84/11/02 | WASTE MGT |
| 8411260328 | 8411260323 | 84/11/12 | 50-269 F | 8411270436 | 8411270429 | 84/11/02 | WASTE MGT |
| 8411260329 | 8411260322 | 84/11/16 | 70-820 | 8411280003 | 8411280001 | 84/10/30 | 50-344 G |
| 8411260330 | 8411260325 | 84/11/20 | 50-261 P | 8411280006 | 8411280001 | 84/10/30 | 50-344 G |
| 8411260355 | 8411260345 | 84/11/16 | 50-280 F | 8411280016 | 8411280012 | 84/11/02 | 50-397 G |
| 8411260360 | 8411260354 | 84/11/21 | 50-482 G | 8411280018 | 8411280011 | 84/11/16 | 50-348 F |
| 8411260362 | 8411260345 | 84/11/16 | 50-280 F | 8411280021 | 8411280011 | 84/11/16 | 50-348 F |
| 8411260368 | 8411260358 | 84/11/19 | 50-269 G | 8411280131 | 8411280121 | 84/10/31 | 50-458 F |
| 8411260369 | 8411260356 | 84/11/19 | 50-244 G | 8411280144 | 8411280140 | 84/11/26 | 50-219 P |
| 8411260372 | 8411260363 | 84/11/19 | 50-354 G | 8411280157 | 8411280148 | 84/11/09 | 50-271 F |
| 8411260378 | 8411260370 | 84/11/19 | 50-220 G | 8411280160 | 8411280156 | 84/11/21 | 50-302 G |
| 8411260382 | 8411260376 | 84/11/20 | 50-410 R | 8411280171 | 8411280163 | 84/10/29 | CONTRACT |
| 8411260383 | 8411260211 | 84/11/09 | 50-237 P | 8411280174 | 8411280168 | 84/11/26 | 50-528 F |
| 8411260391 | 8411260384 | 84/11/19 | 50-321 P | 8411280191 | 8411280183 | 84/11/20 | 50-390 A |
| 8411260409 | 8411260405 | 84/11/21 | 50-382 A | 8411280199 | 8411280189 | 84/11/09 | 50-220 P |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER | | | | ACCESSION NUMBER | | | |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8411280202 | 8411280189 | 84/11/09 | 50-220 P | 8411290188 | 8411290174 | 84/05/14 | FOIA |
| 8411280211 | 8411280203 | 84/11/09 | 50-333 F | 8411290192 | 8411290185 | 84/05/24 | FOIA |
| 8411280216 | 8411280210 | 84/11/09 | 50-267 P | 8411290200 | 8411290185 | 84/05/24 | FOIA |
| 8411280220 | 8411280214 | 84/11/21 | 50-482 Q | 8411290202 | 8411290180 | 84/11/16 | 50-263 P |
| 8411280222 | 8411280210 | 84/11/09 | 50-267 P | 8411290205 | 8411290185 | 84/05/24 | FOIA |
| 8411280246 | 8411280242 | 84/11/15 | 50-470 E | 8411290207 | 8411290180 | 84/11/16 | 50-263 P |
| 8411280255 | 8411280248 | 84/11/23 | 50-498 Q | 8411290208 | 8411290174 | 84/05/14 | FOIA |
| 8411280262 | 8411280258 | 84/11/08 | 50-334 P | 8411290210 | 8411290197 | 84/05/09 | FOIA |
| 8411280267 | 8411280258 | 84/11/08 | 50-334 P | 8411290211 | 8411290180 | 84/11/16 | 50-263 P |
| 8411280275 | 8411280270 | 84/11/16 | 50-267 F | 8411290213 | 8411290185 | 84/05/24 | FOIA |
| 8411280280 | 8411280274 | 84/11/21 | 50-338 P | 8411290214 | 8411290174 | 84/05/14 | FOIA |
| 8411280284 | 8411280270 | 84/11/16 | 50-267 F | 8411290216 | 8411290197 | 84/05/09 | FOIA |
| 8411280300 | 8411280273 | 84/11/21 | 50-315 F | 8411290218 | 8411290185 | 84/05/24 | FOIA |
| 8411280301 | 8411280277 | 84/11/26 | 50-528 A | 8411290220 | 8411290174 | 84/05/14 | FOIA |
| 8411280302 | 8411280278 | 84/11/23 | 50-438 Q | 8411290221 | 8411290185 | 84/05/24 | FOIA |
| 8411280307 | 8411280277 | 84/11/26 | 50-528 A | 8411290226 | 8411290185 | 84/05/24 | FOIA |
| 8411280321 | 8411280320 | 84/11/23 | 50-267 F | 8411290227 | 8411290174 | 84/05/14 | FOIA |
| 8411280351 | 8411280349 | 84/11/08 | 50-261 F | 8411290230 | 8411290185 | 84/05/24 | FOIA |
| 8411280381 | 8411280377 | 84/11/06 | 50-424 E | 8411290233 | 8411290194 | 84/11/27 | 50-206 S |
| 8411280382 | 8411280298 | 84/11/23 | 50-438 Q | 8411290234 | 8411290174 | 84/05/14 | FOIA |
| 8411280383 | 8411280379 | 84/11/06 | 50-295 P | 8411290235 | 8411290185 | 84/05/24 | FOIA |
| 8411280384 | 8411280376 | 84/11/15 | 50-239 X | 8411290236 | 8411290229 | 84/05/09 | FOIA |
| 8411280387 | 8411280384 | 84/11/16 | 50-151 F | 8411290238 | 8411290185 | 84/05/24 | FOIA |
| 8411280390 | 8411280388 | 84/10/10 | CONTRACT | 8411290243 | 8411290185 | 84/05/24 | FOIA |
| 8411280395 | 8411280389 | 84/11/09 | 50-389 P | 8411290246 | 8411290237 | 84/05/09 | 50-275 P |
| 8411280397 | 8411280393 | 84/11/13 | 50-346 R | 8411290247 | 8411290239 | 84/11/19 | TOPREP |
| 8411280398 | 8411280389 | 84/11/09 | 50-389 P | 8411290249 | 8411290245 | 84/05/23 | FOIA |
| 8411280412 | 8411280403 | 84/11/13 | 50-348 P | 8411290250 | 8411290239 | 84/11/19 | TOPREP |
| 8411280415 | 8411280403 | 84/11/13 | 50-348 P | 8411290253 | 8411290185 | 84/05/24 | FOIA |
| 8411280421 | 8411280409 | 84/11/15 | 50-445 E | 8411290255 | 8411290240 | 84/05/17 | FOIA |
| 8411280427 | 8411280409 | 84/11/15 | 50-445 E | 8411290257 | 8411290252 | 84/05/09 | FOIA |
| 8411280432 | 8411280409 | 84/11/15 | 50-445 E | 8411290260 | 8411290185 | 84/05/24 | FOIA |
| 8411280434 | 8411280407 | 84/09/26 | CONTRACT | 8411290261 | 8411290245 | 84/05/23 | FOIA |
| 8411280447 | 8411280438 | 84/11/08 | 50-348 P | 8411290265 | 8411290185 | 84/05/24 | FOIA |
| 8411280462 | 8411280438 | 84/11/08 | 50-348 P | 8411290267 | 8411290245 | 84/05/23 | FOIA |
| 8411280472 | 8411280465 | 84/11/09 | 50-263 P | 8411290274 | 8411290185 | 84/05/24 | FOIA |
| 8411280482 | 8411280479 | 84/11/09 | 50-286 P | 8411290278 | 8411290271 | 84/05/14 | FOIA |
| 8411280488 | 8411280479 | 84/11/09 | 50-286 P | 8411290279 | 8411290185 | 84/05/24 | FOIA |
| 8411280502 | 8411280474 | 84/11/16 | 50-341 Q | 8411290282 | 8411290185 | 84/05/24 | FOIA |
| 8411280511 | 8411280501 | 84/11/08 | 50-247 Q | 8411290283 | 8411290277 | 84/11/23 | 50-322 Q |
| 8411280525 | 8411280501 | 84/11/08 | 50-247 Q | 8411290286 | 8411290271 | 84/05/14 | FOIA |
| 8411280535 | 8411280529 | 84/11/07 | 50-219 Q | 8411290288 | 8411290185 | 84/05/24 | FOIA |
| 8411280539 | 8411280532 | 84/11/13 | 50-334 P | 8411290289 | 8411290271 | 84/05/14 | FOIA |
| 8411280543 | 8411280532 | 84/11/13 | 50-334 P | 8411290291 | 8411290185 | 84/05/24 | FOIA |
| 8411280557 | 8411280532 | 84/11/07 | 50-269 Q | 8411290295 | 8411290284 | 84/04/19 | 50-293 P |
| 8411280570 | 8411280564 | 84/11/07 | 50-423 Q | 8411290296 | 8411290185 | 84/05/24 | FOIA |
| 8411280582 | 8411280577 | 84/11/16 | CONTRACT | 8411290297 | 8411290284 | 84/04/19 | 50-293 P |
| 8411280590 | 8411280586 | 84/11/15 | CONTRACT | 8411290298 | 8411290271 | 84/05/14 | FOIA |
| 8411280591 | 8411280589 | 84/11/13 | CONTRACT | 8411290299 | 8411290185 | 84/05/24 | FOIA |
| 8411280594 | 8411280593 | 84/11/16 | 50-352 Q | 8411290301 | 8411290292 | 84/11/26 | TOPREP |
| 8411280597 | 8411280596 | 84/11/14 | 50-261 P | 8411290305 | 8411290284 | 84/04/19 | 50-293 P |
| 8411280603 | 8411280602 | 84/11/06 | 50-277 Q | 8411290308 | 8411290302 | 84/11/19 | CONTRACT |
| 8411280604 | 8411280602 | 84/11/06 | 50-277 Q | 8411290309 | 8411290185 | 84/05/24 | FOIA |
| 8411280606 | 8411280605 | 84/11/16 | 50-219 P | 8411290314 | 8411290284 | 84/04/19 | 50-293 P |
| 8411280608 | 8411280607 | 84/11/08 | 50-461 Q | 8411290316 | 8411290284 | 84/04/19 | 50-293 P |
| 8411290007 | 8411290003 | 84/11/13 | 50-267 F | 8411290323 | 8411290284 | 84/04/19 | 50-293 P |
| 8411290008 | 8411290002 | 84/11/03 | 50-352 Q | 8411290327 | 8411290185 | 84/05/24 | FOIA |
| 8411290009 | 8411290003 | 84/11/13 | 50-267 F | 8411290331 | 8411290284 | 84/04/19 | 50-293 P |
| 8411290011 | 8411290005 | 84/11/14 | 50-213 F | 8411290332 | 8411290185 | 84/05/24 | FOIA |
| 8411290020 | 8411290005 | 84/11/14 | 50-213 F | 8411290336 | 8411290284 | 84/04/19 | 50-293 P |
| 8411290039 | 8411290033 | 84/11/07 | 50-461 Q | 8411290340 | 8411290185 | 84/05/24 | FOIA |
| 8411290053 | 8411290048 | 84/11/16 | 50-267 F | 8411290342 | 8411290284 | 84/04/19 | 50-293 P |
| 8411290063 | 8411290057 | 84/11/14 | 50-263 P | 8411290344 | 8411290310 | 84/05/16 | FOIA |
| 8411290078 | 8411290071 | 84/11/08 | 50-334 P | 8411290345 | 8411290338 | 84/11/13 | CONTRACT |
| 8411290082 | 8411290076 | 84/11/07 | 50-261 P | 8411290347 | 8411290284 | 84/04/19 | 50-293 P |
| 8411290087 | 8411290076 | 84/11/07 | 50-261 P | 8411290349 | 8411290113 | 84/11/26 | 50-155 P |
| 8411290089 | 8411290076 | 84/11/07 | 50-261 P | 8411290350 | 8411290185 | 84/05/24 | FOIA |
| 8411290095 | 8411290076 | 84/11/07 | 50-261 P | 8411290353 | 8411290113 | 84/11/26 | 50-155 P |
| 8411290107 | 8411290102 | 84/11/13 | 50-445 E | 8411290356 | 8411290284 | 84/04/19 | 50-293 P |
| 8411290115 | 8411290102 | 84/11/13 | 50-445 E | 8411290359 | 8411290351 | 84/11/20 | CONTRACT |
| 8411290123 | 8411290118 | 84/10/30 | 50-341 Q | 8411290365 | 8411290352 | 84/11/28 | 50-445 Q |
| 8411290129 | 8411290118 | 84/10/30 | 50-341 Q | 8411290366 | 8411290284 | 84/04/19 | 50-293 P |
| 8411290138 | 8411290134 | 84/11/09 | 50-409 Q | 8411290373 | 8411290352 | 84/11/28 | 50-445 Q |
| 8411290144 | 8411290134 | 84/11/09 | 50-409 Q | 8411290376 | 8411290364 | 84/11/27 | 50-498 Q |
| 8411290148 | 8411290135 | 84/10/02 | CONTRACT | 8411290378 | 8411290369 | 84/11/16 | 50-373 Q |
| 8411290152 | 8411290143 | 84/11/19 | ORG | 8411290380 | 8411290284 | 84/04/19 | 50-293 P |
| 8411290162 | 8411290155 | 84/11/26 | 50-387 P | 8411290381 | 8411290371 | 84/11/27 | 50-445 Q |
| 8411290179 | 8411290174 | 84/05/14 | FOIA | 8411290387 | 8411290371 | 84/11/27 | 50-445 Q |
| 8411290183 | 8411290174 | 84/05/14 | FOIA | 8411290388 | 8411290284 | 84/04/19 | 50-293 P |
| 8411290184 | 8411290176 | 84/10/26 | 50-293 F | 8411290392 | 8411290375 | 84/11/27 | 50-445 Q |

CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

529

| ACCESSION NUMBER | | | | | | | | | |
|------------------|-----------------------|----------------|---------------------|------------|------------|----------|-----------|---|--|
| ENCLOSURE | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | | | | | | |
| 8411290393 | 8411290185 | 84/05/24 | FOIA | 8411290612 | 8411290546 | 84/05/04 | FOIA | | |
| 8411290394 | 8411290391 | 84/11/06 | 50-255 G | 8411290615 | 8411290606 | 84/11/06 | 50-289 | Q | |
| 8411290395 | 8411290284 | 84/04/19 | 50-293 P | 8411290619 | 8411290546 | 84/05/04 | FOIA | | |
| 8411290400 | 8411290284 | 84/04/19 | 50-293 P | 8411290622 | 8411290546 | 84/05/04 | FOIA | | |
| 8411290405 | 8411290284 | 84/04/19 | 50-293 P | | | | | | |
| 8411290406 | 8411290398 | 84/11/19 | 50-445 G | 8411290628 | 8411290624 | 84/11/16 | 50-263 P | | |
| 8411290408 | 8411290398 | 84/11/19 | 50-445 G | 8411290632 | 8411290624 | 84/11/16 | 50-263 P | | |
| 8411290409 | 8411290398 | 84/11/19 | 50-445 G | 8411290638 | 8411290655 | 84/10/23 | QA999 | | |
| 8411290416 | 8411290284 | 84/04/19 | 50-293 P | 8411290659 | 8411290654 | 84/11/07 | 50-373 G | | |
| 8411290419 | 8411290418 | 84/11/06 | 50-10 G | 8411290660 | 8411290656 | 84/10/24 | WASTE MGT | | |
| 8411290421 | 8411290418 | 84/11/06 | 50-10 G | 8411290662 | 8411290656 | 84/10/24 | WASTE MGT | | |
| 8411290423 | 8411290417 | 84/11/09 | 50-387 G | | | | | | |
| 8411290425 | 8411290310 | 84/05/16 | FOIA | | | | | | |
| 8411290431 | 8411290284 | 84/04/19 | 50-293 P | | | | | | |
| 8411290432 | 8411290429 | 84/11/08 | 50-352 G | | | | | | |
| 8411290436 | 8411290284 | 84/04/19 | FOIA | | | | | | |
| 8411290438 | 8411290284 | 84/04/19 | FOIA | | | | | | |
| 8411290439 | 8411290284 | 84/04/19 | FOIA | | | | | | |
| 8411290441 | 8411290284 | 84/04/19 | FOIA | | | | | | |
| 8411290445 | 8411290284 | 84/04/19 | 50-298 P | | | | | | |
| 8411290447 | 8411290284 | 84/04/19 | 50-263 P | | | | | | |
| 8411290452 | 8411290284 | 84/04/19 | 50-263 P | | | | | | |
| 8411290455 | 8411290284 | 84/04/19 | 50-263 P | | | | | | |
| 8411290459 | 8411290284 | 84/04/19 | 50-263 P | | | | | | |
| 8411290461 | 8411290284 | 84/04/19 | 50-263 P | | | | | | |
| 8411290467 | 8411290284 | 84/04/19 | 50-263 P | | | | | | |
| 8411290470 | 8411290284 | 84/04/19 | 50-263 P | | | | | | |
| 8411290476 | 8411290284 | 84/04/19 | 50-331 P | | | | | | |
| 8411290479 | 8411290284 | 84/04/19 | 50-331 P | | | | | | |
| 8411290523 | 8411290518 | 84/11/09 | 50-293 G | | | | | | |
| 8411290525 | 8411290517 | 84/11/06 | 50-219 G | | | | | | |
| 8411290528 | 8411290517 | 84/11/06 | 50-219 G | | | | | | |
| 8411290539 | 8411290533 | 84/11/07 | 50-412 G | | | | | | |
| 8411290549 | 8411290514 | 84/05/04 | FOIA | | | | | | |
| 8411290555 | 8411290546 | 84/05/04 | FOIA | | | | | | |
| 8411290559 | 8411290552 | 84/11/02 | 50-423 G | | | | | | |
| 8411290564 | 8411290546 | 84/05/04 | FOIA | | | | | | |
| 8411290570 | 8411290546 | 84/05/04 | FOIA | | | | | | |
| 8411290577 | 8411290546 | 84/05/04 | FOIA | | | | | | |
| 8411290583 | 8411290546 | 84/05/04 | FOIA | | | | | | |
| 8411290588 | 8411290546 | 84/05/04 | FOIA | | | | | | |
| 8411290593 | 8411290514 | 84/05/04 | FOIA | | | | | | |
| 8411290598 | 8411290546 | 84/05/04 | FOIA | | | | | | |
| 8411290603 | 8411290185 | 84/05/24 | FOIA | | | | | | |
| 8411290604 | 8411290604 | 84/05/04 | FOIA | | | | | | |
| 8411290608 | 8411290546 | 84/05/04 | FOIA | | | | | | |

APPENDIX A

DEFINITIONS OF DOCKET 50 CATEGORIES

A. APPLICATION/CONSTRUCTION STAGE DOCUMENTS AND CORRESPONDENCE

This category follows the application from submission to the day preceding the issuance of an operating license. It includes all correspondence and documents with substantive technical content that do not fall into other specific categories. Included are:

1. Application for construction permit.
2. General Information submitted with construction permit application.
3. Amendments and changes to items 1 and 2.
4. NRC questions, requests for additional information, and applicant responses.
5. Correspondence and documents relating to unresolved design and construction issues.
6. Meeting announcements and summaries of meeting discussions on issues of item 5.
7. Correspondence regarding the Preliminary Safety Analysis Report (PSAR).
8. Information on laws and changes in regulations or policy that affect the status of the application (NEPA, Water Quality Improvement Act, Water Pollution Control Act, etc.).
9. Construction Permit, amendments, and correspondence relating to the construction permit.
10. Scheduling of license application submission or review.
11. Environmental review information.
12. Application for operating license.
13. General Information submitted with operating license application.
14. Amendments and changes to items 12 and 13.
15. Correspondence regarding the Final Safety Analysis Report (FSAR).
16. Correspondence and documentation on generic technical matters highlighted by an event at another facility which may affect the subject facility; not covered by an IE Bulletin.
17. Reports of site visits.
18. Backup technical documents (e.g., topical reports) submitted in support of the application.

B. UTILITY PRELIMINARY SAFETY ANALYSIS REPORT (PSAR) AND AMENDMENTS

This category is strictly limited to the items listed below. All related correspondence is filed in Category A.

1. Preliminary Safety Analysis Report (PSAR) submitted by utility (formerly called Hazards Summary Report or Safety Analysis Report).
2. Amendments and changes to the PSAR.

3. Transmittal and acknowledgement letters.
4. Certificates of service to the PSAR.

C. UTILITY ENVIRONMENTAL REPORT (ER), AMENDMENTS AND CORRESPONDENCE

This category is strictly limited to the items listed below. Other environmental documents and correspondence are filed in Categories A, D, M, P or R.

1. Environmental Report (ER) submitted by the utility.
2. Amendments and supplements to the ER.
3. Transmittal and acknowledgement letters.
4. Information on scheduling of submittal or review of ER.
5. NRC questions, requests for additional information, and applicant responses.
6. Federal register notices citing the availability of items 1 and 2.
7. Correspondence relating to the review of ER.
8. Meeting announcements or reports of meetings where the primary subject of discussion is the ER.

D. NRC DRAFT AND FINAL ENVIRONMENTAL (IMPACT) STATEMENTS (DES AND FES), SUPPLEMENTS AND CORRESPONDENCE

This category is strictly limited to the items listed below. Other environmental documents and correspondence are in categories A, C, M, P or R.

1. Draft and Final Environmental (Impact) Statements (DES and FES) prepared by the NRC.
2. Supplements to the DES and FES.
3. Correspondence relating to the DES and FES.
4. Comments from other federal, state and local government agencies.
5. Transmittal and acknowledgement letters.
6. Documents related to NRC review of environmental issues or of ER obtained for purposes of writing the environmental statements.
7. Backup technical documents submitted in connection with above.
8. Federal register notice citing availability of items 1 and 2.
9. Site visits to obtain information for DES or FES.
10. Meeting announcements or reports of meetings where the primary subject of discussion is the DES or FES.

E. NRC SAFETY EVALUATION REPORT (SER), SUPPLEMENTS AND CORRESPONDENCE

This category is strictly limited to the items listed below. Other documents dealing with safety related issues are filed in categories A, P or W, depending on the phase of the licensing process.

1. Safety Evaluation Report (SER) prepared by the NRC (formerly called NRC-AEC Hazard Analysis Report).
2. Supplements to SER.
3. Correspondence relating to SER.
4. Federal register notices citing availability of items 1 and 2.
5. Information on scheduling of SER submittals and review.
6. Requests for additional information for use in preparing SER; responses to such requests.
7. Meeting announcements or reports of meetings where the primary subject of discussion is the SER.
8. Transmittal and acknowledgement letters.

F. SECURITY, MEDICAL, EMERGENCY AND FIRE PROTECTION PLANS

All plans in this category are individual submissions. Information submitted as part of the PSAR or FSAR is excluded.

1. Fire Hazard Protection Plan and surveys.
2. Plant evacuation correspondence.
3. Safeguards Contingency Plans.
4. Review of Health Physics Program.
5. Correspondence relating to aforementioned plans.
6. Supplements, changes and revisions to plans.

G. LEGAL AND ADJUDICATORY CORRESPONDENCE

This category contains all non-antitrust legal and adjudicatory documentation, except for transcripts, briefings and testimony, which are filed in category T.

1. Atomic Safety and Licensing Board (ASLB) and Atomic Safety and Licensing Appeal Board (ASLAB) hearing related documents.
2. Federal register notices regarding hearings.
3. Requests to make appearances at hearings.
4. Motions, briefs, arguments, statements and related correspondence filed by participants for hearings.
5. Transmittal of supporting documents (e.g., SER, FES) to the boards.
6. Correspondence to and from intervenors.
7. Board orders and decisions.
8. Petitions for Commission action.
9. Legal filings and Commission orders and decisions resulting from item 8.

H. GENERAL CORRESPONDENCE

This category includes documents with little or no bearing on the status of the application or license. Items that have no substantive technical content or meaning for the status of the license or application are included.

1. Change of address notifications.
2. Changes in structure of organization.
3. Changes in service lists.
4. NRC requests to applicant for additional copies of documents.
5. Correspondence from the public requesting information about the facility and NRC responses.
6. Correspondence on strictly administrative matters.
7. Letters of support, concern or opposition to the facility.
8. Correspondence regarding the Local Public Document Rooms (LPDRs).
9. Professional qualification statements not pertaining to the hearing process.

I. FINANCIAL INFORMATION

This category contains all financial information except that submitted as part of the application or its amendments or relating to the imposition of civil penalties.

1. Company annual reports.
2. Separately submitted financial information and related correspondence.

J. INSURANCE AND INDEMNITY INFORMATION

1. Indemnity agreements and amendments.
2. Endorsements insurance policies.
3. Other correspondence regarding indemnity and insurance matters.

K. UTILITY FINAL SAFETY ANALYSIS REPORT (FSAR) AND AMENDMENTS

This category is strictly limited to the items listed below. All related correspondence falls in category A or P.

1. Final Safety Analysis Report (FSAR) (formerly called Final Hazards Summary Report).
2. Amendments and changes to the FSAR.
3. Federal register notices citing availability of items 1 and 2.
4. Transmittal and acknowledgement letters.
5. Certificates of service to the FSAR.

L. LIMITED WORK AUTHORIZATION (LWA) AND RELATED CORRESPONDENCE

This category is limited to documents pertaining to Limited Work Authorizations (LWA) whereby applicants can carry out limited site preparation and construction prior to the granting of a construction permit.

1. Limited Work Authorizations (LWA) and amendments.
2. Correspondence pertaining to work performed under LWA s.

M. ANTITRUST REVIEW AND ANTITRUST CORRESPONDENCE

1. Document submitted as part of the applications for a construction permit and operating license entitled "Information Requested by the Attorney General for Antitrust Review".
2. Correspondence where the primary topic of discussion is antitrust matters.
3. All antitrust proceeding related documents except for hearing transcripts, testimony and briefings, which are filed in category N.

N. ANTITRUST HEARING TRANSCRIPTS, TESTIMONY AND BRIEFINGS

This category contains word-for-word transcripts of hearings, testimony and briefings in antitrust matters. Related correspondence falls in category M.

O. ADVISORY COMMITTEE ON REACTOR SAFEGUARDS (ACRS) REPORTS AND CORRESPONDENCE

1. Correspondence and letter reports relating to Advisory Committee on Reactor Safeguards (ACRS) reviews.
2. Correspondence from ACRS.
3. Announcement of ACRS meetings.
4. Transmittal and acknowledgement letters.
5. ACRS reports.
6. Statements and written testimony by ACRS members or presented by individuals at ACRS proceedings.
7. Minutes at ACRS Subcommittee Meetings.

P. OPERATING LICENSE STAGE DOCUMENTS AND CORRESPONDENCE

This file assumes the position of the Application/Construction Stage (category A) file for general technical items dated from the issuance of the operating license to the application for termination of the license.

1. Operating license, amendments, proposed amendments, changes and related correspondence.
2. Technical specifications and changes.

3. Backup technical documents (e.g., topical reports) submitted in support of items 1 and 2.
4. Federal register notices citing availability of items 1 and 2.
5. Correspondence regarding the Final Safety Analysis Report (FSAR).
6. All general technical correspondence, meeting announcements or meeting summaries relating to technical specifications, the operating license or technical issues arising after the issuance of the operating license.
7. Correspondence regarding codes (e.g., ASME), regulations, laws or changes in policy that may affect plant operation or bear on the operating license.
8. Information on the Standard Review Plan (STP).
9. Results of surveys or tests conducted in accordance with the technical specifications (not periodic reports, which fall in category R).
10. Correspondence relating to NRC's Systematic Evaluation Program (SEP).
11. Owner's group meeting announcements and reports.
12. Quality assurance information.
13. Environmental matters (technical).
14. Emergency core cooling system documents.
15. Radioactive waste information.
16. Correspondence regarding expansion of spent fuel storage pool.
17. Start-up test reports.
18. Correspondence and documentation on generic technical matters highlighted by an event at another facility which may affect the subject facility; not covered by an IE Bulletin.
19. Reports of site visits.

Q. INSPECTION REPORTS; IE BULLETINS, CIRCULARS AND INFORMATION NOTICES; CIVIL PENALTIES AND RELATED CORRESPONDENCE

1. Inspection reports.
2. IE Bulletins (formerly called Regulatory Operations (RO) Bulletins), Circulars and Information Notices.
3. Responses by applicant to IE correspondence.
4. Applicant's determination of proprietary nature of inspection reports.
5. Letters concerning areas of noncompliance.
6. Pre-service and in-service inspections and procedures.
7. Correspondence and orders relating to imposition and payment of civil penalties, including Notification of Significant Enforcement Actions (ENs).
8. Any correspondence relating to inspection and enforcements that does not specifically relate to incidents or events as defined in category S.

R. PERIODIC OPERATING REPORTS AND RELATED CORRESPONDENCE

This category includes periodic reports of a routine nature.

1. Monthly, semiannual, or annual operating reports (other than financial).
2. Periodic environmental monitoring, effluent testing, or similar reports.
3. Periodic personnel exposure reports.
4. Operational Logbooks:
Logbooks on Environmental Data
Logbooks on Radiological Data
Operations Log on Plant Systems Core
Plant Status Summary Sheets.
5. Correspondence or other documents relating to the above listed items.

S. REPORTABLE OCCURRENCES, PNOs, PNSs AND RELATED CORRESPONDENCE

This category contains all materials relating to abnormal, unusual, reportable or nonroutine occurrences or events. This includes:

1. All 24-hour, 10-day, 30-day, interim and final Licensee Event Reports (LERs) and follow-up correspondence (also called incident reports, abnormal occurrence reports and reportable occurrences).
2. Potential or possible reportable deficiency reports and related correspondence.
3. Personnel exposure reports.
4. Construction deficiency reports submitted under 10 CFR 50.55e.
5. Preliminary Notification of Occurrence (PNOs) and Preliminary Notification of Safeguards Events (PNSs).
6. Environmental Technical Specifications violation reports and Environmental Event reports.
7. Part 21 Reports of defects and noncompliance.
8. Correspondence or other documents relating to items 1-7.

T. TRANSCRIPTS, TESTIMONY AND BRIEFINGS ON NON-ANTITRUST MATTERS

This category contains all word-for-word transcripts, except for antitrust matters (category N), testimony and briefings, and congressional matters (category U).

1. Atomic Safety and Licensing Board (ASLB) and Atomic Safety and Licensing Appeal Board (ASLAB) transcripts.
2. Testimony and statements submitted to ASLB and ASLAB.
3. Commission meeting transcripts.
4. NRC staff briefings to the Commission.
5. Statements and written testimony submitted at Commission meeting or hearings.
6. Transcripts of utility briefs to NRC staff.
7. Advisory Committee on Reactor Safeguards (ACRS) meeting transcripts.
8. Corrections to above items.

U. CONGRESSIONAL/EXECUTIVE CORRESPONDENCE

This category contains correspondence on substantive matters. Routine responses to constituent inquiries are filed in category H.

1. Statements and testimony before Congress or before bodies/committees appointed by the Executive or Legislative Branches.
2. Preparatory and backup documents for item 1.
3. Correspondence to and from NRC Office of Congressional Affairs, Congress and the Executive Branch on other than constituent response matters.

V. LICENSING OPERATORS AND RELATED CORRESPONDENCE

1. Operator licenses or administrative information bearing on licensing of operators.
2. NRC examination results.
3. Power plant examination summary sheet.

W. DECOMMISSIONING STAGE DOCUMENTS AND CORRESPONDENCE

This file assumes the position of the Operating License Stage (category P) file for general technical items from the application for termination of the operating license onward.

1. Application for authority to voluntarily surrender license.
2. Application to dismantle the facility and dispose of component parts.
3. Technical documents submitted in support of items 1 and 2, such as: Decommissioning Plan, Dismantling Plan, Environmental Report on Dismantling, Safety Analysis Report on Decommissioning.
4. Documents relating to disposal of radioactive material and decontamination of the site.
5. Other correspondence relating to above items.
6. All documentation relating to the ongoing operation of the plan, formerly filed in category P.

X. ONSITE LOW-LEVEL WASTES STORAGE

This category contains items related to the onsite storage of low-level radioactive wastes generated onsite.

Y. INDEPENDENT SPENT FUEL STORAGE INSTALLATIONS (ISFSI)

This category contains documents with an NMSS license and/or a Docket-72 number. For installations on a reactor site, the associated Docket-50 number will also be identified.

1. License applications, licenses, amendments and proposed amendments to possess power reactor spent fuel and other radioactive materials associated with spent storage in an independent spent fuel storage installation. (Such spent fuel storage installations may be on a reactor site or at a separate site.)
2. All related correspondence and reports to the above.

APPENDIX B

DEFINITIONS OF NONDOCKETED CATEGORIES

10CFR – Commission Meeting Records

This category contains documentation pertaining to open and closed Commission meetings. It includes:

1. Sunshine Act Federal Register notices.
2. Full, written explanation of closed meetings.
3. Certification of General Counsel on closed meetings.
4. Commission Determination Statements regarding the public disclosure of transcripts of Commission meetings.
5. Verbatim unofficial and official transcripts or portions of transcripts of open and closed Commission meetings made publicly available in accordance with provisions of 10CFR Part 9, the Sunshine Act, and Commission policies.
6. Enclosures to released transcripts, including applicable viewgraphs, staff papers, and staff correspondence.
7. Staff requirements memoranda for open meetings; memoranda to record; record of votes of Commissioners on items under consideration at meetings.

ACRS – Advisory Committee on Reactor Safeguards

This category contains documentation pertaining to the responsibilities of the Advisory Committee on Reactor Safeguards. ACRS serves as an independent advisory committee to the Commission in safety-related areas. The committee provides advice with respect to the hazards of new or existing nuclear facilities and the adequacy of related safety standards. The documents in this category are:

1. Verbatim transcripts of ACRS subcommittee and full committee meetings relating to facility license applications and safety-related matters.
2. ACRS meeting announcements; description of meeting agendas.
3. ACRS-generated reports, memoranda and correspondence that are publicly available.
4. ACRS consultant reports, comments and related correspondence.
5. ACRS and NRC technical correspondence pertaining to safety matters under review by the Advisory Committee on Reactor Safeguards.

ADVCM – NRC Advisory Committees

This category contains documentation pertaining to the responsibilities of all NRC advisory committees, other than the Advisory Committee on Reactor Safeguards. The documents in this category are:

1. Charters of each advisory committee.
2. Verbatim transcripts of committee meetings.

3. Meeting announcements; description of meeting agendas.
4. Committee generated reports, memoranda, and correspondence that are publicly available.
5. Committee related correspondence.

COMMISSION – NRC Commissioners

This category contains documentation pertaining to the daily conduct of Commission business in the Office of the Commissioners, including:

1. Incoming and outgoing correspondence to and from the Commissioners relating to official NRC business, including reports and other enclosures.
2. Travel vouchers, telephone logs and official appointment calendars of individual Commissioners.
3. Weekly Information Reports (SECY series number) prepared by the Executive Director for Operations (EDO) for the Commissioners, providing a summary of key events and items of interest undertaken by individual staff and program offices.

NOTE: For transcripts of Commission meetings, see 10CFR category. For all other staff papers with a SECY series designation prepared for Commission review, see SECY category.

CONTRACT – NRC Contracts and Modifications

This category contains documentation pertaining to AEC and NRC contracts and Interagency Agreements, including:

1. Notifications of issuance of request for proposal (RFP) and invitations for bid (IFB).
2. Solicitations (RFP or IFB) issued by the NRC.
3. Notifications of contract execution, specifying contract number, project title, contractor name, contract type, funding, and period of performance.
4. Contractual documents and contract modifications, if any.

DISCLOSURE – Financial Disclosure Information

This category contains financial disclosure information in accordance with the Ethics in Government Act of 1978.

FOIA – Freedom of Information Act Requests and Releases

This category contains requests for agency records and records released in accordance with the provisions of the Freedom of Information Act (FOIA). Documents in this category include:

1. Requests made by any member of the public (assigned an identifying number YY-NNN for last two digits of the year numerical sequence) for NRC records made in accordance with the provisions of the Freedom of Information Act.
2. Correspondence between the NRC and the requester relevant to the processing, appeal, denial or granting of an FOIA request.
3. Records or portions of records released in response to specific requests made under FOIA.

GEN TECH IS – Generic Technical Issues

This category contains records pertaining to unresolved safety issues of a generic nature that are being analyzed by the Division of Nuclear Reactor Regulation.

1. Draft reports of action plans to accomplish generic tasks in the regulatory program.
2. Correspondence with industry and internal correspondence regarding the methodologies, analyses, and programmatic and technical aspects of issues.
3. Meeting notifications and minutes.
4. Interim findings and status reports on generic tasks addressing related aspects of generic technical issues.

I&E – Inspection and Enforcement

This category contains bulletins, circulars and information notices that are issued by the Office of Inspection and Enforcement. These issuances describe particular events that occur at a facility that may require some follow-up action on the part of licensees. Also included in this category are preliminary notifications of events (PNOs).

1. I&E Circulars, which describe an event at a licensed facility and are informational in nature.
2. I&E Information Notices, which are similar to circulars but are preliminary in nature and issued shortly after an event has occurred.
3. I&E Bulletins, which describe an event at a licensed facility and request all recipients to perform certain actions as a result of this event.
4. Preliminary Notifications of Events (PNOs), which provide updated information of an event of safety or public interest significance.

NOTE: For letters forwarding the above issuances, utility responses to such issuances, and related correspondence, see Category Q of individual docket categories.

MISC – Public Document Room Miscellaneous

This category contains documents that do not fall into the scope of the other nondocketed categories.

NUREG – NUREG Reports and Related Correspondence

These documents are formal reports issued by the U.S. Nuclear Regulatory Commission which carry the NUREG series code and correspondence pertaining to those reports. NUREG reports are accounts of work performed either by the NRC staff or by NRC contractors.

1. These reports are normally final work products and are characterized by the following criteria:
 - a. They are predecisional documents which present information to be considered in Commission licensing and policy decisions.
 - b. They present the results of Commission licensing and policy decisions.
 - c. They present the results of technical research conducted for the Commission.
2. Correspondence from industry, government and interested members of the public commenting on reports or requesting clarification or interpretation.
3. Internal NRC memoranda summarizing meetings or discussions pertaining to the content of the reports.

ORG – Correspondence with Other Organizations

This category contains correspondence with professional organizations and associations; records other than Regulatory Guides that pertain to the activities of NRC's Office of Standards Development; and emergency petitions not assigned Petition for Rulemaking (PRM) numbers that request the Commission to take immediate action on some issue. Included are:

1. Meeting summaries and technical correspondence between NRC and professional associations and international bodies, such as the Atomic Industrial Forum and the International Atomic Energy Agency.
2. Correspondence between NRC's Office of Standards Development and other government agencies in which both parties have joint regulatory responsibility; e.g., EPA has authority to control all radioactive pollutants emitted into the air.
3. Internal memoranda, correspondence between NRC and Congress, and other technical correspondence dealing with the role and activities of the Office of Standards Development.
4. Statements, motions, orders and correspondence dealing with emergency petitions filed by parties on such topics as fire protection and re-analysis of the capacity of operating U.S. plants to withstand earthquakes.

NOTE: For Regulatory Guides and comments to Regulatory Guides issued by the NRC Office of Standards Development, see the REGGD category.

For petitions for rule makings filed by the public to amend, rescind or change an NRC regulation, see the PRM category.

PR – Proposed Rule

This category contains records dealing with NRC staff proposals to adopt, amend or repeal a Commission regulation. Proposed Rules (PRs) are normally the result of a Commission determination that sufficient grounds exist for it to proceed with a petition for change in an NRC regulation (PRM) filed by an outside party or person. The documents in this category are:

1. Federal Register notices stating the terms or substance of the proposed rule or a specification of the subject and issues involved.
2. Text of the Proposed Rule (PR).
3. Comments, statements, information, opinions or arguments on the proposed change to a part of the Code of Federal Regulations, Title 10.
4. Requests from the nuclear industry, organizations and other parties for written interpretations of the PR.

PRM – Petition for Rulemaking

This category contains records dealing with petitions filed with the Commission by an outside party to issue, amend or rescind an NRC regulation. Included are:

1. Petitions filed by any interested person or party to issue, amend or rescind an NRC regulation.
2. Federal Register cause notices of the filing of the petition.

3. Correspondence between NRC and the petitioner regarding the status and substance of the petition.
4. Comments from the nuclear industry, professional associations, public interest groups and others in favor of or in opposition to the PRM.

NOTE: For staff recommendations to the Commissioners on whether the PRM should be denied or issued as a Proposed Rule, see the SECY category.

For Commission review of staff recommendations, see the 10CFR category.

PROJ – Projects–Predocket Licensing

This category contains records pertaining to two classes of projects: (1) commercial nuclear power plants for which NRC has full licensing responsibilities; and (2) government-owned reactors for which NRC provides technical expertise and occasional review. Both classes are identified with a "P" prefix, followed by a series of numbers.

1. "Pre-docketed" commercial nuclear power plants

This category contains all documentation up until the time that the NRC considers the application and the Preliminary Safety Analysis Report (PSAR) is submitted by the utility for staff review. The unit is then assigned a docket number, and transferred to the Docket 50 category.

These documents are grouped together in categories, designated by alphabetic characters. These are the same categories as those used for the Docket 50 series.

A. Application/Construction Stage

1. Application submitted by the utility.
2. Meeting notices, summaries and correspondence discussing the completeness and adequacy of the PSAR.
3. Applicant's Quality Assurance Manual.
4. Early site review information.
5. Backup technical documents submitted in support of the application.
6. Early site visits.

B. Utility PSAR and Amendments

1. PSARs submitted by the utility.
2. Amendments and changes to the PSAR.
3. Transmittal letters.
4. Letters acknowledging receipt of the PSAR.

G. Adjudicatory Correspondence

1. Motions, briefs, orders, *et al.* pertaining to pre-hearing conferences, if any.

M. Antitrust Correspondence

1. Submittals and related material pertaining to the antitrust review.

Q. Inspection Reports

1. Inspection reports of the applicant's quality assurance program.
2. Notices of deviations.
3. Follow-up correspondence resolving deviations cited.

2. Government-owned reactors

Meeting summaries and technical correspondence between NRC and other government technical personnel related to test reactors, critical experiments, and DOD reactors on navy ships and other sites.

PT21 – Noncompliance Reports and Related Correspondence

Deficiency reports are performed in compliance with Part 21 of Title 10 of the Code of Federal Regulations and include:

1. Reports by firms involved in the nuclear industry concerning noncompliance with NRC regulations or the existence of defects which could create a substantial safety hazard.
2. Correspondence pertaining to the NRC review of reports to assess the possibility of generic defects.
3. NRC inspection reports of defects cited.
4. Correspondence specifying appropriate follow-up actions taken by the Agency.

QA999 – Quality Assurance Inspections

This category contains inspection reports of vendors' quality assurance programs and follow-up correspondence. Each vendor facility is assigned a docket number and is part of the QA999 series.

Vendors are defined here as companies, both U.S. and foreign, that are engaged in the design or the manufacture of nuclear components for plants licensed by NRC. QA comprises all those planned and systematic actions necessary to provide adequate confidence that a structure, system or component being manufactured will perform satisfactorily once it is put in service. The controlling criteria are 10 CFR Part 50, Appendix B, vendor QA topical reports, and the PSAR and FSAR submitted by utilities for specific facilities. Documents in this category include:

1. NRC inspection reports, conducted on a quarterly or semi-annual basis, of vendor sites. Inspections may cover the design, fabrication, construction and testing of structural systems and components.
2. Notices of deviations.
3. Vendor corrective actions and other follow-up correspondence associated with the resolution of inspection findings.

REGGD – Regulatory Guides

This category contains new and revised regulatory guides issued by the Commission and related correspondence. These guides describe for the industry and the public methods acceptable to the NRC

staff for implementing specific parts of the NRC's regulations. They also delineate techniques used by the staff in evaluating specific problems or postulated accidents, or provide guidance to applicants. Included are:

1. Federal Register notices announcing the issuance and availability of a proposed regulatory guide.
2. Revised or newly issued Regulatory Guides.
3. NRC value/impact assessment and industry codes, when applicable, that pertain to the issuance of a specific Regulatory Guide.
4. Comments submitted by the nuclear industry and interested members of the public regarding a proposed Regulatory Guide.
5. Summary of meetings held in the NRC to discuss proposed Regulatory Guides.

NOTE: For documentation pertaining to other work products and activities of the NRC Office of Standards Development, see the Organization category.

RES – Research and Technical Assistance Reports

This category contains reports, generally of an interim nature, submitted by NRC contractors providing research and technical assistance to the Commission. It also includes documentation pertaining to research activities of the Commission. Included are:

1. Project description documents.
2. Letter reports of accomplishments and data reports; for example,
 - a. model documentation reports
 - b. code documentation reports
 - c. code verification reports
3. Pre-test prediction reports.
4. "Quick look" reports.
5. Informal experimental data reports and post-irradiation examination analyses.
6. Conceptual design descriptions.
7. Letter reports of foreign travel and site visits by contractors.
8. Letter, monthly, quarterly, interim or annual status or progress reports on other research projects contracted for by the NRC.
9. Meeting summaries and correspondence dealing with technical matters relating to research and technical assistance contracts.
10. Staff Research Information Letters (RILs) transmitting the documented results from completed research programs.

NOTE: For final reports of research conducted by contractors, see also NUREG reports.

REVIEW GRP – NRC Research Review Groups

This category contains records pertaining to the activities of NRC Research Review Groups. Such groups provide a broad base of technical expertise to aid management in reviewing research in

defined technical areas. They review and comment on research plans and predicted results of major experiments, the validity and applicability of research results, the possible redirection of research projects, new research projects, and priorities within the technical areas covered by the research review group. Documents in this category are:

1. Agendas for quarterly review group meetings.
2. Summary minutes of review group meetings representing views expressed, including dissenting views.
3. Research plans and predicted results of major experiments; presentations by research contractors.
4. Comments on meetings from attendees, including representatives from contractors, universities, vendors and other agencies.
5. Internal memoranda relating to topics under discussion.

RM – Rulemakings

This category contains records pertaining to public hearings held on proposed changes (PRs) to the Commission's regulations. Hearings are instituted at the discretion of the Commission based on the importance and the magnitude of the subject under consideration. Documents in this category include:

1. Designations of the presiding officer and any special directions for the conduct of the hearing.
2. Notifications of hearing board meetings.
3. Petitions, motions, testimony and statements submitted by parties to the hearings.
4. Hearing board orders and rulings.
5. Technical reports submitted as evidence in the proceeding.
6. Reports, if any, of the special board to the Commission regarding a rulemaking proceeding.

SECY – Position Papers Before the Commission

This category consists of staff papers prepared for the information or approval of the Commissioners which are assigned a SECY report series code. Included are:

1. Commission Action papers, which normally include alternatives and recommendations by the staff on a given issue and require Commission action.
2. Consent Calendar items and Policy Session items.

NOTE: For Weekly Information Reports prepared by EDO to the Commissioners providing a summary of key events and items of interest undertaken by staff and program offices, see the NRC Commissioners category.

Commission's activities and interaction with State
e Agreements Program, whereby States may assume
clear materials; (2) the Agency's role in assisting

State and local governments in planning responses to radiological emergencies; and (3) a wide range of liaison and cooperative activities regarding such functions as licensing and siting. It includes:

1. Correspondence between and among NRC Office of State Programs and State officials, mostly State liaison officers, regarding:
 - a. cooperative programs in such technical areas as radiation control, emergency response planning to radiological incidents, water quality and transportation surveillance.
 - b. technical assistance to Agreement States in reviewing applications, compliance actions, developing regulations, and other areas.
2. Agendas, reports and transcripts of regional workshops and training programs on current matters of policy and regulations; i.e. decommissioning and facility siting.
3. State Legislative Reports.
4. Agreement State Licensing Statistics Reports.

NOTE: For specific uranium milling and mining projects in which the Agency is providing technical assistance to States, see the Projects category.

TOPREP – Vendor Reports and Related Correspondence

This category contains topical reports, generally of a technical generic nature, submitted by vendors, and correspondence pertaining to the NRC review of these reports. General vendor related correspondence that is not docket specific is also included in this category.

1. Topical reports, dealing with such technical matters as specifications, testing and safety submitted by architect, engineers and other vendors.
2. Revisions, modifications and amendments to topical reports.
3. Correspondence between NRC and vendors pertaining to the review of submittals.
4. Meeting agendas, summaries, minutes and correspondence pertinent to vendor activities, programs, methodologies and design criteria.

NOTE: For reports submitted by utilities that are written by vendors on their behalf and that relate to docketed cases, see the categories for the Docket 50 series.

WASTE MGT – Nuclear Waste Management

This category is topical in nature and contains records dealing with the activities of the NRC Division of Waste Management. Each topic has been assigned a number, with the series designated by a WM prefix. These documents deal primarily with NRC's interaction with DOE and its future role in licensing and regulating DOE facilities designed for the disposal of high-level waste in geologic repositories. This category will be enlarged later to include records dealing with low-level waste issues and tasks. The documents in this category are:

1. Meeting agenda and minutes of DOE/NRC meetings in which DOE presents information on their geological exploration program to identify sites for nuclear waste repositories.
2. Briefings by DOE on research being conducted on spent fuel storage and nuclear waste management.

3. Correspondence pertaining to NRC's advisory role in providing DOE with technical assistance in the Waste Isolation Pilot Plan (WIPP) for burial of defense wastes.
4. NRC draft staff guides for developing positions on the content and format of environmental reports for geological repositories.

WASTE RES — Waste Management Research Reports

Contains interim and final reports, and correspondence submitted to NRC by its contractors doing research on topics related to the storage of high-level radioactive waste.

1. Periodic progress reports on the status of research.
2. Trip reports of travel by NRC and contractor personnel.
3. Draft, partial or related reports submitted for NRC review or information.
4. Correspondence between NRC staff and contractors relating to technical questions or issues to be resolved.

XPORTLIC — Export and Import Licenses

This category contains records relating to the issuance of licenses to export or import nuclear facilities and materials. Included are:

1. License applications and amendments to export or import special nuclear material, source material, byproduct material, reactors, nuclear facility components or reactor materials.
2. Correspondence between NRC and applicant or licensee pertaining to the review or status of a pending application or license amendment.
3. Commission letters requesting Executive Branch views.
4. Review and findings of the Executive Branch on whether issuance of a license would be inimical to U.S. common defense and security.
5. Correspondence from foreign governments, international organizations, and members of the public.
6. Staff position papers (SECY series code) prepared for Commissioners review of import or export licenses.
7. Filings pursuant to hearing requests or intervention petitions, if any.
8. Hearing records and decisions.
9. Memoranda from the Office of the Secretary to the Executive Director for Operations regarding the Commission decision on issuance of a proposed license.
10. Licenses, license amendments and license renewals for types specified in item 1.

NOTE: For transcripts of Commission meetings and papers submitted for Commissioner consideration or information, see 10CFR category.

| | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------|-------------------------|--------------------------------------------------------------|------------------|
| NRC FORM 335 <small>(11-81)</small> | | U.S. NUCLEAR REGULATORY COMMISSION BIBLIOGRAPHIC DATA SHEET | | | | | |
| 4. TITLE AND SUBTITLE <i>(Add Volume No., if appropriate)</i> <p style="text-align: center;">Title List of Documents Made Publicly Available November 1-30, 1984</p> | | 1. REPORT NUMBER <i>(Assigned by DDC)</i> <p style="text-align: center;">NUREG-0540 Vol. 6, No. 11</p> | | | | | |
| 7. AUTHOR(S) | | 2. (Leave blank) | | | | | |
| 9. PERFORMING ORGANIZATION NAME AND MAILING ADDRESS <i>(Include Zip Code)</i> <p>Division of Technical Information and Document Control Office of Administration U.S. Nuclear Regulatory Commission Washington, DC 20555</p> | | 3. RECIPIENT'S ACCESSION NO. | | | | | |
| 12. SPONSORING ORGANIZATION NAME AND MAILING ADDRESS <i>(Include Zip Code)</i> <p>Same as 9, above.</p> | | 5. DATE REPORT COMPLETED MONTH YEAR | | | | | |
| 13. TYPE OF REPORT <p>Monthly</p> | | DATE REPORT ISSUED MONTH YEAR <p>January 1985</p> | | | | | |
| 15. SUPPLEMENTARY NOTES | | 6. (Leave blank) | | | | | |
| 16. ABSTRACT <i>(200 words or less)</i> <p>This document is a monthly publication containing descriptions of information received and generated by the U.S. NRC. This information includes (1) docketed material associated with civilian nuclear power plants and other uses of radioactive materials, and (2) nondocketed material received and generated by NRC pertinent to its role as a regulatory agency. The following indexes are included: Personal Author Index, Corporate Source Index, Report Number Index, and Cross Reference to Principal Documents Index.</p> | | 8. (Leave blank) | | | | | |
| 17. KEY WORDS AND DOCUMENT ANALYSIS | | 10. PROJECT/TASK/WORK UNIT NO. | | | | | |
| 17a. DESCRIPTORS | | 11. FIN NO. | | | | | |
| 17b. IDENTIFIERS/OPEN-ENDED TERMS | | 14. (Leave blank) | | | | | |
| 18. AVAILABILITY STATEMENT <p>Unlimited</p> | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">19. SECURITY CLASS <i>(This report)</i> Unclassified</td> <td style="width: 50%;">21. NO. OF PAGES</td> </tr> <tr> <td>20. SECURITY CLASS <i>(This page)</i> Unclassified</td> <td>22. PRICE</td> </tr> </table> | | 19. SECURITY CLASS <i>(This report)</i> Unclassified | 21. NO. OF PAGES | 20. SECURITY CLASS <i>(This page)</i> Unclassified | 22. PRICE |
| 19. SECURITY CLASS <i>(This report)</i> Unclassified | 21. NO. OF PAGES | | | | | | |
| 20. SECURITY CLASS <i>(This page)</i> Unclassified | 22. PRICE | | | | | | |